

20001030.qrp v01\_n991.qrl.20001030

Date: Mon, 30 Oct 2000 19:03:07 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1991

## QRP-L Digest 1991

Topics covered in this issue include:

- 1) [82571] KI6DS antenna (of sorts) : results with,  
by WB9MII@aol.com
- 2) [82572] K1 #52 underway...  
by "K7FD-N7SG" <cqdx@teleport.com>
- 3) [82573] OT - slightly !  
by Rick McKee <kc8aon@juno.com>
- 4) [82574] Re: Something Good in HR  
by Robert G Seymour <bobsey1@juno.com>
- 5) [82575] Re: KI6DS antenna (of sorts) : results with,  
by Brian <brian@iquest.net>
- 6) [82576] Re: Bush & U.S. Constitution E-MAIL  
by "John R. Klim II" <jrklm@erols.com>
- 7) [82577] EP-3 Update  
by "J. D. Spittle" <jds@vcn.bc.ca>
- 8) [82578] RF Engineering Handbook - Free Download  
by "Karl B. Staddon" <ve6kbs@agt.net>
- 9) [82579] Re: RF Engineering Handbook - Free Download  
by Phil Wheeler <w7ox@earthlink.net>
- 10) [82580] Re: RF Engineering Handbook - Free Download  
by "Karl B. Staddon" <ve6kbs@agt.net>
- 11) [82581] Need QRP-l command web site url  
by W1R0@aol.com
- 12) [82582] Re: Need QRP-l command web site url  
by John Wagner <john@neknetwork.com>
- 13) [82583] FOX: Fox Cub #3 N0IT October 30  
by Dave Sjolin <sjolin@swbell.net>
- 14) [82584] Re: Altoids Tiny Tin  
by "Dennis Payton" <dpayton@fwi.com>
- 15) [82585] Re: eQSLs for QRP ARCI Test  
by Andrew Madsen <andrew@utahdesign.com>
- 16) [82586] First TT2 QSO!  
by Andrew Madsen <andrew@utahdesign.com>
- 17) [82587] Re: EP-3 Update  
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 18) [82588] EP-3 Update 2 (correction & addition)  
by "J. D. Spittle" <jds@vcn.bc.ca>
- 19) [82589] Proposal

- by "Gordon Cougar" <gcouger@couger.com>
- 20) [82590] Warbler to Warbler to Warbler  
by "Doug Hendricks" <ki6ds@dospalos.org>
- 21) [82591] Running of the QRP Bulls  
by Jim Stafford <w4qo@amsat.org>
- 22) [82592] Construction: Iowa QRP 10 Parts List  
by "Doug Hendricks" <ki6ds@dospalos.org>
- 23) [82593] FOX: Meet the Foxes  
by "Marshall Emm" <mgemm@ntechnologies.com>
- 24) [82594] Re: Proposal  
by Gwendolyn Patton <wendy\_lyn@unforgettable.com>
- 25) [82595] Re: Altoids Tiny Tin  
by aweiss@usd.edu (Ade Weiss W0RSP)
- 26) [82596] QRP Cub list -MFJ transceiver  
by Jim Stafford <w4qo@amsat.org>
- 27) [82597] Re: Sierra receive AGC time constant  
by aweiss@usd.edu (Ade Weiss W0RSP)
- 28) [82598] FOX Taking up Too Much of 40m!  
by aweiss@usd.edu (Ade Weiss W0RSP)
- 29) [82599] Re: FOX Taking up Too Much of 40m!  
by "Gordon Cougar" <gcouger@couger.com>
- 30) [82600] Re: FOX Taking up Too Much of 40m!  
by "George, W5YR" <w5yr@att.net>
- 31) [82601] Re: Proposal  
by Dave Sjolín <sjolin@swbell.net>
- 32) [82602] Re: Proposal - LAST POST ON THIS TOPIC PLEASE!!!  
by Dave Fifield <fifield@pacbell.net>
- 33) [82603] TT2/Cat Picture Website?  
by Niels Jensen Kristjansson <nkristja@cadvision.com>
- 34) [82604] Re: Proposal  
by "Gordon Cougar" <gcouger@couger.com>
- 35) [82605] Re: TT2/Cat Picture Website?  
by Dave Fifield <fifield@pacbell.net>
- 36) [82606] K1 #37 is Completed!  
by ABCQRP <w6abc@yahoo.com>
- 37) [82607] Infrequent Reminder: Re: Need QRP-1 command web site url  
by "Paul R. Valko" <prvalko@oakland.edu>
- 38) [82608] PSK 80 m ? s  
by John R Kirby <n3aaz-qrp@juno.com>
- 39) [82609] Re: Proposal  
by "Francis Callahan" <colcal@srv.net>
- 40) [82610] Capacitor, resistor and inductor kit from Norcal...  
by Maxime Prati <mprati@postech.ca>
- 41) [82611] Re: PSK 80 m ? s  
by "Dave Benson" <nn1g@earthlink.net>
- 42) [82612] Re: DX opportunities this weekend  
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 43) [82613] Re: Is it asking too much for the foxhunters to make their own list?

- by Bruce Rattray <rattray@gpfn.sk.ca>
- 44) [82614] Re: [fpqrp] First TT2 QSO  
by "Brian" <brian@iquest.net>
- 45) [82615] NorCal Surface Mount Transceiver  
by John AE5X <ae5x@juno.com>
- 46) [82616] Re: Capacitor, resistor and inductor kit from Norcal...  
by Joseph I Pirkle <ad4ih@juno.com>
- 47) [82617] 1000 QSOs in Y2K, de N4UY  
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 48) [82618] FOX - Team Results - another correction -  
by Bruce Rattray <rattray@gpfn.sk.ca>
- 49) [82619] PCB Software Mistake  
by Bill Lazure <n2tpa@juno.com>
- 50) [82620] PSK:Western Warblers  
by Bill Jones <kd7s@psnw.com>
- 51) [82621] Kitchens's Regen Receiver (Long Post)  
by "Tom Dufresne" <tdufres@hotmail.com>
- 52) [82622] SOLD- Daiwa Active Filter  
by "Chuck Carpenter" <w5usj@globeco.net>
- 53) [82623] FOX - The Ghost Fox  
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 54) [82624] Mobile Milliwatting  
by Jim Hale <kj5tf@yahoo.com>
- 55) [82625] Fox Hunt logging program  
by George Murphy <VE3ERP@ENCODE.COM>
- 56) [82626] 12M Milliwatting monday AM  
by Jim Hale <kj5tf@yahoo.com>
- 57) [82627] Re: DX opportunities this weekend  
by Bob Nielsen <nielsen@oz.net>
- 58) [82628] Re: Portable PSK - photos & diagrams on website  
by wd9eyb@butler.qrp.com
- 59) [82629] Re: 12M Milliwatting monday AM  
by "James Parsons" <res075cz@gte.net>
- 60) [82630] Re: FOX - The Ghost Fox  
by "Karl F. Larsen" <k5di@zianet.com>
- 61) [82631] Re: PSK 80 m ? s (long as usual)  
by n2cx@voicenet.com
- 62) [82632] Schematic Program  
by Royce Simmons <w2rbn@prodigy.net>
- 63) [82633] PSK:Low antennas for 80 meters  
by Bill Jones <kd7s@psnw.com>
- 64) [82634] Warbler antenna  
by David Adams <david@theadamsclan.com>
- 65) [82635] Re: PSK:Western Warblers  
by dave\_epps@juno.com
- 66) [82636] Re: RF Engineering Handbook - Free Download  
by soconfli@idirect.com
- 67) [82637] Re: PSK:Low antennas for 80 meters

- by Bill Jones <kd7s@psnw.com>
- 68) [82638] Re: Anyone else hearing the SSB on 7.041 MHz???
- by Bill Coleman <aa4lr@arrl.net>
- 69) [82639] PN100 Transistor?
- by Jeff Grudin <grudin@vddb.com>
- 70) [82640] List Proposals and QRP-L
- by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
- 71) [82641] Re: Schematic Program
- by John Meade <john.meade@smsc.com>
- 72) [82642] Re: Tuna Tin II - 20
- by DYARNES@aol.com
- 73) [82643] Schematic Program
- by Joe Street <jstreet@venus.uwaterloo.ca>
- 74) [82644] RE: PN100 Transistor?
- by Radman <radman@best.com>
- 75) [82645] Re: PSK:Western Warblers
- by "Phinizy, William" <wphinizy@filenet.com>
- 76) [82646] Re: DX opportunities this weekend
- by "Lau, Zack, W1VT" <zlau@arrl.org>
- 77) [82647] Re: PSK:Western Warblers
- by Bill Jones <kd7s@psnw.com>
- 78) [82648] 70cm TX converter
- by Duffer <hduff@ica.net>
- 79) [82649] Western Warbler #s ?
- by "Mont Pierce" <MyGrapeVine@yahoo.com>
- 80) [82650] Re: 70cm TX converter
- by "N1RZ" <n1rz@timhavens.com>
- 81) [82651] PN100 Mystery Solved
- by Jeff Grudin <grudin@vddb.com>
- 82) [82652] PSK:Re Western Warbler #s ?
- by Bill Jones <kd7s@psnw.com>
- 83) [82653] RE: Schematic Program
- by "AI2Q Alex" <ai2q@ispchannel.com>
- 84) [82654] Re PN100 trannies?
- by Euramcom <mel@euramcom.freemove.co.uk>
- 85) [82655] OT - For the Love of LEDs
- by Casey Ray <clray@usc.edu>
- 86) [82656] RE: Schematic Program
- by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 87) [82657] Warbler Number for KI6DS
- by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 88) [82658] Desert Ratt
- by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 89) [82659] FOX - Team Results - another correction: the movie! -
- by Bruce Rattray <rattray@gpfn.sk.ca>
- 90) [82660] Re: Capacitor, resistor and inductor kit from Norcal...
- by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 91) [82661] Re: Grounding question

- by Bill Coleman <aa4lr@arrl.net>
- 92) [82662] Re: RF Engineering Handbook - Free Download  
by "Karl F. Larsen" <k5di@zianet.com>
- 93) [82663] Re: Grounding question  
by "N1RZ" <n1rz@timhavens.com>
- 94) [82664] Re: Schematic Program  
by "Dennis Johnson" <djohn@dwx.com>
- 95) [82665] Re: RF Engineering Handbook - Free Download  
by neil <neil@aaade.com>
- 96) [82666] RE: Warbler Number for KI6DS  
by schoon@amgt.com
- 97) [82667] PSK80 Warbler: Need Info On Guys who have it  
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 98) [82668] Re: Proposal  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 99) [82669] Anyone else hearing the SSB on 7.041 MHz???
- by "Charles Mabbott" <crmabbott@mediaone.net>
- 100) [82670] RE: Anyone else hearing the SSB on 7.041 MHz???
- by schoon@amgt.com
- 101) [82671] REMINDER - CUB FOX HUNT TONIGHT AT 0200 UTC  
by Dave Sjolin <sjolin@swbell.net>
- 102) [82672] Re: Grounding question  
by Bill Coleman <aa4lr@arrl.net>
- 103) [82673] 40M Band low end SSB stations  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 104) [82674] PSK: PSK80 Warbler not here yet...
- by "Mont Pierce" <MyGrapeVine@yahoo.com>
- 105) [82675] 2m receiver  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 106) [82676] Radio Shacks' 10M-CW?  
by "Tom Dufresne" <tdufres@hotmail.com>
- 107) [82677] Re: Grounding question  
by "N1RZ" <n1rz@timhavens.com>
- 108) [82678] Re: PSK: PSK80 Warbler not here yet...
- by Phil Wheeler <w7ox@earthlink.net>

---

Date: Sun, 29 Oct 2000 19:11:15 EST  
From: WB9MII@aol.com  
To: qrp-l@lehigh.edu  
Subject: [82571] KI6DS antenna (of sorts) : results with,  
Message-ID: <38.d4747f5.272e16a3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hello Friends,

Out of pure curiosity I made a version of the KI6DS light antenna. Instead of computer cable I used some no. 20 speaker wire. "zipped" it apart for 20 feet, tied a knot, left the next 10 feet of speaker wire together as a feeder. split that at the bottom, bared the ends and connected it to my ATU. Good QSO's all over, good reports (569/579) were received. Rig used was my MFJ9020 at 4 watts and the "legs" of the antenna were hung on the wall with tape.

72

Greg WB9MII

QRP ARCI 9719

-----  
Date: Sun, 29 Oct 2000 16:27:53 -0800  
From: "K7FD-N7SG" <cqdx@teleport.com>  
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>, <elecraft@qth.net>  
Subject: [82572] K1 #52 underway...  
Message-ID: <009101c04208\$400ae000\$51231ad8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wayne and Eric have done it again...started in on K1 #52 this afternoon and had the filter board done in a jiffy...minus only two parts...oops Elecraft! I've been assured they are already on their way! The manual and construction are 'classic' Elecraft...

...just need to play hooky tomorrow and keep going!

88 Annette N7SG

Completed 40/20m filter board pix at <http://www.teleport.com/~cqdx/k1.htm>

-----  
Date: Sun, 29 Oct 2000 19:38:49 EST  
From: Rick McKee <kc8aon@juno.com>  
To: grp-l@Lehigh.EDU  
Subject: [82573] OT - slightly !  
Message-ID: <20001029.193854.7383.3.kc8aon@juno.com>

Anyone on the list have an owners manual for a Swan 100 MX ? I plan on using this rig for my "knock around rig" to drag out into the field on camping trips. I think I've figured out how to set the power to qrp levels via the "ALC" circuit (told you it was just slightly off topic). Just would like to have a copy of the operators manual for it.

Best 73 & Don't get on a power trip !  
Rick McKee, KC8AON Willow Wood, Ohio  
QRP-L #2112 AR-QRP #269 Flying Pigs #33

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 29 Oct 2000 19:04:20 -0800  
From: Robert G Seymour <bobsey1@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [82574] Re: Something Good in HR  
Message-ID: <20001029.190422.-162927.0.Bobsey1@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

DON'T WORRY----YOU WILL!!!!!! AND HAVE FUN MAKING THE TRIP  
Bob, WOLK, 99% cw and qrp since 1938

On Sat, 28 Oct 2000 21:03:39 EDT Slqghp@aol.com writes:  
> In a message dated 10/28/00 20:55:47 Eastern Daylight Time,  
> w0av@juno.com  
> writes:  
>  
>  
> > Watch that "Old Duffer" stuff!  
>  
>  
> Someday I want to be an Old Duffer too!

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Sun, 29 Oct 2000 20:08:18 -0500  
From: Brian <brian@iquest.net>

To: WB9MII@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [82575] Re: KI6DS antenna (of sorts) : results with,  
Message-ID: <39FCCA02.A3A15BA2@iquest.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey Greg, sounds like a good time to me! Gonna have to try that one myself sometime.

I've been forced to use just a couple of strands of hookup wire tossed out over my roof before and I was surprised at how good that even worked.

Antennas are funny things. Funny, yet useful!

72 de KB9BVN

WB9MII@aol.com wrote:

>  
> Hello Friends,  
> Out of pure curiosity I made a version of the KI6DS light antenna. Instead  
> of computer cable I used some no. 20 speaker wire. "zipped" it apart for 20  
> feet, tied a knot, left the next 10 feet of speaker wire together as a  
> feeder. split that at the bottom, bared the ends and connected it to my  
> ATU. Good QSO's all over, good reports (569/579) were received. Rig used  
> was my MFJ9020 at 4 watts and the "legs" of the antenna were hung on the wall  
> with tape.  
> 72  
> Greg WB9MII  
> QRP ARCI 9719

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KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223  
39.558 N 86.095 W Johnson Co., Indiana  
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w  
Member of the American Radio Relay League - SOC #400  
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

-----

Date: Sun, 29 Oct 2000 20:26:34 -0500  
From: "John R. Klim II" <jrklm@erols.com>



To: Maxine Rose <maxineroseusa@netscape.net>, arrlcad@tapr.org, dsp2232@rmi.de, barc-list@netcom.com, barc-races@netcom.com, bitbucket@primenet.com, boatanchors@theporch.com, bull-fwd@ucsd.edu, ct-user@ve7tcp.ampr.org, cq-contest@tgv.com, fioldorg-l@netcom.com, fox-list@netcom.com,  
Subject: [82576] Re: Bush & U.S. Constitution E-MAIL  
Message-ID: <E13q3bE-0006s6-00@smtp02.mrf.mail.rcn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Fellow E-MAIL reflectors subscribers,

I am not forwarding the E-MAIL I received, the message is too political and biased!

I am asking all of you not send out any political E-MAILS, one is way tooooooo much! This should not be a forum for politics!

I subscribe to E-MAIL reflectors for information about Amateur Radio and computer related topics.

Any replies please send to me directly.

John  
N3KHK

-----  
Date: Sun, 29 Oct 2000 17:24:17 -0800  
From: "J. D. Spittle" <jds@vcn.bc.ca>  
To: qrp-l@Lehigh.EDU  
Subject: [82577] EP-3 Update  
Message-ID: <3.0.6.32.20001029172417.007a4330@mail.vcn.bc.ca>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Some comments from Derry VE7QK.

I have just assembled and tested one of the NorCal EP-3 kits deliberately using only the minimum of test equipment - a multimeter, homebrewed RF probe, Kenwood TS130 to monitor the signal and "groans & whistles" to align it into a dummy load. The ICs were soldered directly into the PC board. Wire was taken from an old transformer winding. The microphone is a Radio Shack electret element in an old tape recorder mic case. The RF output measured about 10W PEP. Last night I checked into BC Public Service Net. Later, on the QRP Net, despite the QRM from contesters, I had a QSO with KI7KW in Portland, OR who was running his EP-2. When I get around to making some accurate measurements on a scope I will post them to the List.

Only one small problem arose during assembly. The hole spacing for C56 is laid out to accept a 'FILMTRIM' 10mm trimcap as described in the DigiKey catalogue but the cap provided has a different tab spacing. The neatest way to install this was to drill two additional holes to accept the ground tabs and connect these to the pads with short jumpers on the underside of the board. Incidentally, you need to thoroughly clean and tin all three tabs before installation to ensure a good joint. Alternatively, you could look around for a trimcap with the correct spacing.

The following corrections, for which I accept full responsibility, should be made to the Manual:-

p3 IC sockets: Change text to read ".....it is recommended that inexperienced builders install IC sockets (not provided). The ability to quickly remove and replace ICs greatly simplifies troubleshooting..." [I have only built prototypes to date and always envisage trouble!]

p3 Ant current sensor: for "...470 ohm resistor R24..." read 330 ohms.

p10 Table of RESISTORS: re-number the last entry (10-turn precision pot R24) to read R25. The same change should be made on p6 of the Manual.

Table of CAPACITORS: The Table lists only five 470 ohm caps but the total in the right hand column is shown as six. You will therefore have one left over.

DIAG A & DIAG E: Polarity of C4 is not shown. Ground is closest to the edge of the PC board.

MISCELLANEOUS Table: The PC Board should be added.

Table of SEMICONDUCTORS: This is missing from the Manual. With the exception of D6 most of you will have had no trouble in identifying these from the Circuit Diagrams. D6 is the 1N4005. e-mail me if you would like me to forward a copy of this table (WORD file). I will also attach a JPEG photograph of an assembled PC board.

Finally, I have two requests to make. First, if you are posting anything to QR-L regarding the EP-3 please CC me directly at the same time. Second, I am very interested in learning where the other 99 kits went. Please send me a short message giving your QTH and tell me how you made out with it.

72 & 73 Derry VE7QK

-----  
Date: Sun, 29 Oct 2000 18:23:59 -0700  
From: "Karl B. Staddon" <ve6kbs@agt.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82578] RF Engineering Handbook - Free Download  
Message-ID: <39FCCDAF.6430596D@agt.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If you're looking for an excellent rf, antenna, formulas, radar, etc. reference book, check out the table of contents for the "ELECTRONIC WARFARE AND RADAR SYSTEMS ENGINEERING HANDBOOK" at the following site:  
<http://ewhdbks.mugu.navy.mil/contents.htm>

The whole handbook, or portions thereof, can be downloaded in either html or pdf format. I just printed the whole thing out and estimate that it's about 250 pages plus or minus.

Enjoy es cheers  
de  
Karl B. Staddon VE6KBS  
CALGARY, ALBERTA  
CANADA

-----  
Date: Sun, 29 Oct 2000 17:44:06 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: ve6kbs@agt.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82579] Re: RF Engineering Handbook - Free Download  
Message-ID: <39FCD266.29AE75F@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Karl B. Staddon" wrote:

>

> If you're looking for an excellent rf, antenna, formulas, radar, etc.  
> reference book, check out the table of contents for the "ELECTRONIC  
> WARFARE AND RADAR SYSTEMS ENGINEERING HANDBOOK" at the following site:  
> <http://ewhdbks.mugu.navy.mil/contents.htm>

>

> The whole handbook, or portions thereof, can be downloaded in either  
> html or pdf format.

Is there a way to download the whole thing as one file?

Phil W7OX

-----  
Date: Sun, 29 Oct 2000 18:57:25 -0700  
From: "Karl B. Staddon" <ve6kbs@agt.net>  
To: Phil Wheeler <w7ox@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82580] Re: RF Engineering Handbook - Free Download  
Message-ID: <39FCD585.8B84F8A8@agt.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Phil, regrettably I couldn't identify a way to download it in one shot. If someone else figures out a way to do it in one download, perhaps they could let the whole group know how it's done.

Cheers Karl

Phil Wheeler wrote:

> "Karl B. Staddon" wrote:  
> >  
> > If you're looking for an excellent rf, antenna, formulas, radar, etc.  
> > reference book, check out the table of contents for the "ELECTRONIC  
> > WARFARE AND RADAR SYSTEMS ENGINEERING HANDBOOK" at the following site:  
> > <http://ewhdbks.mugu.navy.mil/contents.htm>  
> >  
> > The whole handbook, or portions thereof, can be downloaded in either  
> > html or pdf format.  
>  
> Is there a way to download the whole thing as one file?  
>  
> Phil W7OX

-----  
Date: Sun, 29 Oct 2000 21:19:47 EST  
From: W1R0@aol.com  
To: qrp-1@lehigh.edu  
Subject: [82581] Need QRP-1 command web site url  
Message-ID: <f7.40dd1cd.272e34c3@aol.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

My computer ate the url for the qrp-l web site that list the commands. Please  
send answer direct

Thanks

Jim

W1R0/7

-----  
Date: Sun, 29 Oct 2000 21:31:56 -0500  
From: John Wagner <john@neknetwork.com>  
To: W1R0@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [82582] Re: Need QRP-l command web site url  
Message-ID: <39FCDD9C.4F20933E@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The QRP-L web site is at: <http://qrp.lehigh.edu/lists/qrp-l/>

73,

John, KB1ENS  
QRP-L WebMaster

W1R0@aol.com wrote:

>

> My computer ate the url for the qrp-l web site that list the commands. Please  
> send answer direct

> Thanks

> Jim

> W1R0/7

--

John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>  
Personal Web page: <http://www.together.net/~jwag>

-----  
Date: Sun, 29 Oct 2000 21:08:32 -0600  
From: Dave Sjolín <sjolin@swbell.net>  
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [82583] FOX: Fox Cub #3 N0IT October 30

Message-ID: <39FCE630.E0104276@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hi All,

My name is Dave (N0IT) and I have the pleasure of being the next Cub Fox. The hunt will begin at 0200 utc on Tuesday, 31 October. This is Monday night (30 Oct) at 8:00pm CST here in the Midwest.

I plan to be at 7143 kHz +/- 5 kHz I will call CQ Fox at about 10 wpm. If anyone needs to go any slower, dont hesitate to ask me to QRS. If there is a pileup I will start listening for callers above and below my transmit frequency. In the past this receive window has been up to +/- 1 kHz wide. Those who can not call off frequency, please keep your calls short.

I am located 20 miles west of St. Louis, MO. I will be running a Kenwood TS-940S at 5w to a ground mounted Butternut HF2V vertical.

You all know the drill. Signal report, State or Province, Name and Power. No QRP-L numbers or I will get confused. In fact i havent worked a pileup at 10 wpm a minute so I probably will get confused at the beginning so stick with me. Thanks.

Good luck to all of you and hope to hear you in the hunt on Monday.

73,

Dave (N0IT).

-----  
Date: Sun, 29 Oct 2000 22:19:43 -0500  
From: "Dennis Payton" <dpayton@fwi.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [82584] Re: Altoids Tiny Tin  
Message-ID: <002d01c04220\$418b2a80\$82a854d1@locke>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A while back, I built a FOXX 2 board from Kanga and sandwiched it between two of the Tiny Tins.

I carefully trimmed the board the same size as the tins, then cut a hole in

the lid of one and mounted the board to it upside down, with the components hanging inside. I cut a hole in the bottom of the other tin and mounted it to the other side of the board, with the low pass filter, a sidetone circuit, and a small power chord inside. The fittings and T-R switch are also mounted to the upper tin and, in use, the power chord fits through a notch in the rear.

Denny Payton, N9JXY  
Auburn, IN

-----  
Date: Sun, 29 Oct 2000 20:31:37 -0700  
From: Andrew Madsen <andrew@utahdesign.com>  
To: qrp-l@Lehigh.EDU  
Subject: [82585] Re: eQSLs for QRP ARCI Test  
Message-ID: <39FCEB99.B25B688A@utahdesign.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I just uploaded the log for AC7CF in the Zombie shuffle.

--  
73,  
Andrew Madsen AC7CF  
ac7cf@qsl.net  
<http://www.qsl.net/ac7cf>  
AOL IM: ac7cf  
FISTS nr. 7439 | QRP-L nr. 2180  
FPQRP#-71 | A.R.S nr. 738  
SOC #376 | UARC | ARRL  
Norcal | NOGAQRP | NJQRP

-----  
Date: Sun, 29 Oct 2000 20:32:46 -0700  
From: Andrew Madsen <andrew@utahdesign.com>  
To: qrp-l@lehigh.EDU, FPQRP <fpqrp-l@mpna.com>  
Subject: [82586] First TT2 QSO!  
Message-ID: <39FCEBDE.57A5AC58@utahdesign.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I just finished my first QSO with my Tuna Tin 2. I've had the rig for months now, just didn't get around to hooking it up until tonight. I called CQ and on about the third CQ got an answer from Jeff, AB6MB in Antioch, CA. After the initial exchanges, packet came on frequency and wiped our QSO out. My RST was a 449. I gave him a 559. Receiver was my Elecraft K2 #1637. Antenna was my 40 meter dipole up about 15 feet.

--

73,

Andrew Madsen AC7CF

ac7cf@qsl.net

<http://www.qsl.net/ac7cf>

AOL IM: ac7cf

FISTS nr. 7439 | QRP-L nr. 2180

FPQRP#-71 | A.R.S nr. 738

SOC #376 | UARC | ARRL

Norcal | NOGAQRP | NJQRP

-----  
Date: Mon, 30 Oct 2000 03:36:38 GMT  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: jds@vcn.bc.ca  
Cc: qrp-l@Lehigh.EDU  
Subject: [82587] Re: EP-3 Update  
Message-ID: <F3325DgRbwri5DpAR4n00002424@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Some further notes on the Epiphyte 3...

A minor error in the schematic C4 itself is not shown next to its label.

For a case, an LMB 138 provides a nice snug fit for the board.

I had a little more high frequency response on the receiver than I liked and found a .001 uF cap from pin 5 to pin 2 of U5 (the 386 audio amplifier) helped a lot.

I've made quite a few contacts with the rig in the eastern US and have been very pleased with it. Not much QRP activity heard on the "standard" 3.985 frequency, and the 3.744 frequency used in VE land unfortunately is not permitted for voice operation in the US.

73 - Mike WA8BXN near Cleveland, OH



-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at  
<http://profiles.msn.com>.

-----  
Date: Sun, 29 Oct 2000 18:21:28 -0800  
From: "J. D. Spittle" <jds@vcn.bc.ca>  
To: qrp-1@Lehigh.EDU  
Subject: [82588] EP-3 Update 2 (correction & addition)  
Message-ID: <3.0.6.32.20001029182128.007a0e20@mail.vcn.bc.ca>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Correction to first Update:-

"DIAG A & DIAG E: Polarity of C4 is not shown": Correct to read  
"...polarity of C63..."

Addition:-

DIAG A - AUDIO AMP: Pin 6 of U5 is shown as connecting directly to ground.  
The "symbol" for C4 is missing and should be inserted in the line  
immediately to the left of the designator C4 10mF in the circuit diagram.

Derry VE7QK

-----  
Date: Sun, 29 Oct 2000 20:19:46 -0600  
From: "Gordon Cougar" <gcouger@couger.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [82589] Proposal  
Message-ID: <0c7301c04217\$e31bb9e0\$25daf0d0@home.xxx>

As a long time member of qrp-1 #155. I am concerned that the high number  
of posts per day are running off new members and some old members. I know  
that they have run me off several times. Even with the improvements it is  
still a lot of posts every day because as I see we have 2 or 3 three  
groups in one. We have the builders, fox hunters and what ever the Zombies  
are doing.

The answer I see is to make two or more lists one for operators and one for builders wiht short daily recaps of what is going on on the other lists. If we still have problems break them down again. We keep the strong ties with operations and building but allow members to choose how much and what they want. Each list should have seperate moderators to lighten the load.

I reailze there are concerns that the excitement of the fox hunt contributed to the building but I contend that the number of posts per day runs off more than the excitement attracts. And if they are into the excitement they can subscribe to them all.

Gordon W5RED #155  
G. C. Couger gcouger@provlue.net Stillwater, OK

-----  
Date: Sun, 29 Oct 2000 20:45:55 -0800  
From: "Doug Hendricks" <ki6ds@dospalos.org>  
To: <qrp-1@lehigh.edu>  
Subject: [82590] Warbler to Warbler to Warbler  
Message-ID: <004901c0422c\$4b83d8a0\$3abdc03f@DougHendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wow, Wow, Wow!! What a great weekend. I built my NJ QRP Club PSK80 Warbler kit yesterday, and took it to Sanger to get a crash course in operating PSK from Bill Jones, KD7S. He had me up and running in no time, helped me install the software, showed me the cable connections, and I was off for home so we could make the first Warbler to Warbler production board qso. I got home after an hour and a half drive, fired up the rig, and there was a qso going. It was Dave, AB5PC and Bill, KD7S, who were both using their warblers. Darn, I missed out on a chance to make history. Then I grinned, typed, break de KI6DS and waited for a break. I got my chance and jumped in. Bingo, now it was a threeway between KD7S, AB5PC and KI6DS, all using home built PSK80 Warbler transceivers and we had almost solid copy for about a 45 minute round table.

So, Dave and Bill get the honors for the first ever Warbler to Warbler qso, but I was part of the first ever roundtable with production warbler kits. Guys, this is FUN FUN FUN. Hey, it might even be illegal it is so much fun. The round table part is great. I live in Dos Palos, Dave lives in Fresno 60

miles away, and Bill lives another 20 miles or so farther south in Sanger. Bill was using a vertical, I was using a skelton cone up 30 feet, and Dave said his antenna was terrible, and he did not elaborate, but did say he was doing some antenna work tomorrow.

Man, \$35 is all that it costs to get on this new mode!! Thanks to Dave Benson the designer and the NJ QRP Club for kitting a fabulous kit. The board is first class, NorCal quality, as are all the parts. What a great kit this is. All the parts are there, and it is easy and fun to build. And you know what? There are 2 surface mount SOIC 8 pin ICs and I didn't even think about it until after it was over. Hey, I just installed a surfacemount part, and didn't even give it a second thought while I was doing it!! The SMK-1 has done its job.

George Heron sold 100 of these kits last weekend at Pacificon, so I know they are out there. Get them built guys, and let's set 8:00 PM Pacific time as a time to check the frequency for West Coast PSK activity. I'll be on tomorrow night and I bet Bill and Dave will be too!!

Note, you will need to buy a db9 male to db9 female cable and 2 stereo 1/8" plug audio cables, but that is all you need. The software is free. Check the NJ QRP Club web site for full details. Ordering information for the kits is there too. Remember \$35!!!!!!!!!!!!!! A great, great kit.

One more comment. Dave Benson is a genius.

72, Doug, KI6DS

-----  
Date: Mon, 30 Oct 2000 00:02:44 -0500  
From: Jim Stafford <w4qo@amsat.org>  
To: qrp-l list <qrp-l@lehigh.edu>  
Subject: [82591] Running of the QRP Bulls  
Message-ID: <39FD00F4.EE5180B5@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

We still need Sweepstakes Bulls in quite a few states and sections!  
Check out the list at:  
<http://personal.palouse.net/rfoltz/arci/bullst.htm>

And for full explanation, go to: <http://www.contesting.com/articles/107>

Now don't worry about the 15 hour thing, just try to get on as much as you can and call CQ some of the time. Some folks thought they had to work 15 hours and also to call CQ all the time! Nope, just do what you can.

See you Sunday afternoon around and above the QRP freqs calling CQ!

Even if you make one contact during the contest- send in a log. We want to outnumber the B category entries this year!!!

Thanks.

--

Jim Stafford, W4Q0@arrl.net 770-993-9500  
President - QRP ARCI <http://www.qrparci.org>  
<http://www.qrparci.org/pix/arci050.gif>

-----  
Date: Sun, 29 Oct 2000 21:01:46 -0800  
From: "Doug Hendricks" <ki6ds@dospalos.org>  
To: <qrp-l@lehigh.edu>  
Subject: [82592] Construction: Iowa QRP 10 Parts List  
Message-ID: <004f01c0422e\$81760c60\$3abdc03f@DougHendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, as promised, here is the parts list for the Iowa QRP 10 CW Transceiver that will be built by Jim Kortge and Chuck Adams as a Manhattan Style construction contest.

#### IA QRP 10 PARTS LIST

Please see legend below for suppliers

##### CAPIACITORS

All caps NPO ceramic disc or monolithic 50 V unless noted otherwise

|                       |     |        |
|-----------------------|-----|--------|
| C41                   |     | 2.2 pF |
| C1, C8, C34, C37, C43 | 5   | pF     |
| C55                   |     | 27 pF  |
| C9A                   |     | 56 pF  |
| C48, C51              |     | 82 pF  |
| C10, C16, C28, C29    | 100 | pF     |
| C49, C50              |     | 220 pF |
| C13, C14, C18, C40    | 270 | pF     |

|                              |                                |
|------------------------------|--------------------------------|
| C44                          | 820 pF                         |
| C9, C11, C30, C31, C32, C35  | .01 uF 20 % ceramic disc 50 V  |
| C23, C24, C36, C45, C46, C47 | .022 uF 20 % ceramic disc 50 V |
| C2, C4, C6, C19, C20, C21    | .1 uF 20 % ceramic disc 50 V   |
| C22, C26                     | 2.2 uF radial electrolytic     |
| 25 V                         |                                |
| C12, C25, C27                | 100 uF radial electrolytic     |
| 25 V                         |                                |
| C15                          | 470 uF radial                  |
| electrolytic 10 V            |                                |
| C33                          | 2-20 pF ceramic trimmer (DK,   |
| SG20015-ND; M, 242-4221)     |                                |
| C3, C5, C7, C17, C38,        |                                |
| C39, C42                     | 5-50 pF ceramic trimmer (DK,   |
| SG50015-ND: M, 242-9850)     |                                |

#### RESISTORS

all resistors 5%, 1/8 W carbon film (RS assortment)  
unless noted otherwise

|                                |                              |
|--------------------------------|------------------------------|
| R2                             | 15 ohm                       |
| R17                            | 47 ohm                       |
| R3, R16                        | 100 ohm                      |
| R20                            | 120 ohm                      |
| R1                             | 220 ohm                      |
| R13                            | 330 ohm                      |
| R15                            | 470 ohm                      |
| R21                            | 620 ohm                      |
| R6                             | 1k ohm                       |
| R8                             | 1.8k ohm                     |
| R14                            | 6.8k ohm                     |
| R18, R19                       | 10k ohm                      |
| R11, R12                       | 100k ohm                     |
| R5                             | 2.2 M ohm                    |
| R22                            | 100 ohm side-adjust trimmer  |
| (RS, 900-5918)                 |                              |
| R7                             | 5 M ohm side-adjust trimmer  |
| (RS, 900-5932)                 |                              |
| R4                             | 5k ohm 1 turn miniature      |
| potentiometer (M, 313-1000-5K) |                              |
| R9                             | 1k ohm 1 turn miniature      |
| potentiometer (M, 313-1000-1K) |                              |
| R10                            | 10k ohm 3 turn potentiometer |
| (A, 970-1830)                  |                              |

#### INDUCTORS

|        |                                   |
|--------|-----------------------------------|
| L1, L2 | 17 T (turns) T37-6 (RS, 900-7010) |
| L3, L5 | 10 T T37-6                        |
| L4     | 11 T T37-6                        |

T1 8 T primary, 16 T secondary, tap  
 secondary  
 at 4 turns up from grounded  
 end, T37-6  
 T2 16 T primary, 8T secondary T37-6  
 T3 10 T bifilar FT37-61 (RS, 900-6989)  
 T4 19 T primary, 3 T secondary T50-6 (RS,  
 900-7017)  
 RFC1, RFC8 2.2 uH molded choke  
 RFC2, RFC3 12 uH molded choke  
 RFC4 1mH molded choke  
 RFC5 26 T T50-2 (RS, 900-7015)  
 RFC6 15 uH molded choke  
 RFC7 22 uH molded choke  
 RFC9 8 T #24 FT37-43 (RS, 900-6988)

#### SEMICONDUCTORS/ICs

D1, D4, D5, D9, D10 1N4148 silicon diode  
 D2, D3 MPN3700 PIN diode (A, MPN3700)  
 D6 hi-eff., 2.1Vf LED (M, 512-MV67539.MP10)  
 D7 MV209 tuning diode (A, MV209; RS, 900-5698)  
 D8 MVAM108 tuning diode, note: substitute  
 part 1SV149 available from Doug Hendricks for \$2 postpaid-see address below  
 D11 1N5817 shottky diode (A, 1N5817; DK  
 1N5817GICT-ND)  
 D12 1N4755A zener diode  
 U1, U2, U4 NE602AN DIP mixer/osc (RS, 900-7085)  
 U3 LM386 audio amp (RS, 276-1731)  
 U5 video amp (DK, LT1252CN8-ND)  
 U6 78L08 8V regulator, TO-92 package  
 Q1, Q2, Q3, Q4 J310 FET (RS, 900-5493)  
 Q5 2N2222A NPN  
 Q6 MRF237 NPN (RF)

#### MISC.

S1 DPDT miniature toggle switch  
 X1-X4, X6 3.932 MHz crystals (DK, X013-ND)  
 X5 16.00 MHz crystal (DK, X143-ND)  
 Bud minibox, 5.25 x 3.00 x 2.13 inch (M, 563-CU-3006A)  
 right-angle brackets, steel, 4-40 threaded, 4 pcs. (M, 534-621)  
 small knobs, AF & RF gain (M, 450-2034)  
 large knob, tuning (M, 450-2036)  
 8-pin machined-pin IC sockets, 6pcs. (RS, RSU11354180; M, 575-199308)  
 TO-5 heatsink, heavy-duty (DK, HS101-ND)  
 BNC connector, female (M, 161-9323)  
 3.5 mm 3-conductor "stereo" jacks (2 pcs)  
 power connector (M, 163-4305)  
 power cord with plug (M, 172-4201)

#### KEYER

TICK keyer IC (ER)

2N2222 NPN

1 uF electrolytic, 25 V, (2 pcs.)

SPST momentary push switch (RS, 275-1571)

78L05 5V regulator, TO-92 package

4.7K 1/8 W resistor

machined-pin IC socket, 8-pin - see QRP 10 misc. parts

piezo transducer (M, 539-PT2060W)

#### SUPPLIERS

A Allied Electronics, 800 433-5700, [www.alliedelec.com](http://www.alliedelec.com)

DK Digi-Key, 800 344-4539, [www.digikey.com](http://www.digikey.com)

ER Embedded Research, Box 92492, Rochester NY, 14692,  
[www.frontiernet.net/~embres/](http://www.frontiernet.net/~embres/)

M Mouser Electronics, 800 346-6873, [www.mouser.com](http://www.mouser.com)

RF RF Parts, 800 737-2787, [www.rfparts.com](http://www.rfparts.com)

RS Radio Shack, order locally, 800 the-shack, [www.radioshack.com/](http://www.radioshack.com/)  
sheet-metal punch Harbor Freight, 37405-0VGA, 800 905-5220,  
[www.harborfreight.com](http://www.harborfreight.com)

Doug Hendricks, 862 Frank Ave., Dos Palos, CA 93620

-----  
Date: Sun, 29 Oct 2000 22:10:20 -0700  
From: "Marshall Emm" <[mgemm@mtechnologies.com](mailto:mgemm@mtechnologies.com)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [82593] FOX: Meet the Foxes  
Message-ID: <39FCA04C.19327.1789E9@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Fox bios and pix are available on the web site now--  
<http://www.cqc.org/fox> .

Not all foxes sent in a bio or photo, and what appears on the page is what they sent. Any opinions are their own and not necessarily those of the Committee!

For the QRP-L Foxhunt Committee

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----  
Date: Mon, 30 Oct 2000 00:05:30 -0500  
From: Gwendolyn Patton <wendy\_lyn@unforgettable.com>  
To: <qrp-1@lehigh.edu>  
Subject: [82594] Re: Proposal  
Message-ID: <200010300511.VAA04244@gull.prod.itd.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

>The answer I see is to make two or more lists one for operators=  
and  
>one  
>for builders wiht short daily recaps of what is going on on the=  
  
other  
>lists. If we still have problems break them down again. We keep=  
the  
>strong ties with operations and building but allow members to=  
choose  
>how  
>much and what they want. Each list should have seperate=  
moderators  
to  
>lighten the load.

INCOMIIIIINGGGG!!!

\*diving behind sandbags in anticipation of the flamewar...\*

--- Gwen

-----  
Date: Mon, 30 Oct 2000 08:14:49 GMT  
From: aweiss@usd.edu (Ade Weiss WORSP)  
To: qrp-1@Lehigh.EDU  
Subject: [82595] Re: Altoids Tiny Tin  
Message-ID: <200010300516.XAA17190@sunburst.usd.edu>

No I haven't built a rig into one, but I put the Scorpion LED SWR Bridge into mine. Connector problem was solved by using RCA screw-on socket at one end (antenna) and a 1.34" piece of RG174 (short enough for minimal loss!) terminated in an RCA phono plug. That's about all one can do for connectors given the shallowness of the tin. The LED SWR bridge



was built on a perf board cut to fit inside. My only "didn't see it coming": The LED sticks up thru the lid for clear visibility. Alas... I put it on the hinges side of the perf board! So, as the top swings down, it would bend the LED over -- which led to filing a the perfect round hole to an elongated ellipse. Now the swing of the lid clears the LED, but the hole is too big and ugly... This is the most used and best accessory unit I've ever built! How did I tune up without it?

72, Ade

-----  
Date: Mon, 30 Oct 2000 00:16:06 -0500  
From: Jim Stafford <w4qo@amsat.org>  
To: qrp-l list <qrp-l@lehigh.edu>  
Subject: [82596] QRP Cub list -MFJ transceiver  
Message-ID: <39FD0416.CD6EB4A7@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For those of you who have or are interested in the QRP Cub and how to modify it to your heart's content, all the archives are available to anyone, whether list member or not, at: <http://qrpcub.listbot.com> You may also join the list there. Many mods for the Cub are also online at: <http://www.qrparci.org/east/east.htm> with drawings/etc.

--  
Jim Stafford, W4Q0@arrl.net 770-993-9500  
President - QRP ARCI <http://www.qrparci.org>  
<http://www.qrparci.org/pix/arci050.gif>

-----  
Date: Mon, 30 Oct 2000 08:16:57 GMT  
From: aweiss@usd.edu (Ade Weiss WORSP)  
To: qrp-l@Lehigh.EDU  
Subject: [82597] Re: Sierra receive AGC time constant  
Message-ID: <200010300518.XAA18106@sunburst.usd.edu>

Fran:

As a matter of fact, yes. Follow the manual instructions and pick your delay time. Mine is essentially no-delay now. I also prefer almost entirely disabling the AGC and control sig level with the r.f. gain.

72, Ade

-----  
Date: Mon, 30 Oct 2000 08:31:14 GMT  
From: aweiss@usd.edu (Ade Weiss W0RSP)  
To: qrp-1@Lehigh.EDU  
Subject: [82598] FOX Taking up Too Much of 40m!  
Message-ID: <200010300532.XAA24708@sunburst.usd.edu>

Hi gang:

A couple of the posts about the FOX thread mentioned that the pile-up takes up a lot of room around 7040. Courtesy and consideration were behind these comments -- commendable considerations which I don't in any way want to question.

But aside from that, I had a big smile on my face after realizing -- Yep! QRP has prospered so much that we basically take over a section of the band. QRP is VERY recognizable these days, and that is great.

I wonder how many QRO DX'rs hear the pile-up and automatically are drawn to seek out the station causing it -- this is just a DX'rs normal reflex -- hear a pile-up and look for the DX. And then they hear this weak QRP stn calling "FOX" and wonder what the heck that's all about!

One very positive contribution is that the FOX pile-up publicizes the ability of QRP to put out potent signals. In fact, I can't figure out how some of you FOX-hunters have such strong signals up here in SD!

You newcomers accept this all as "normal". Those few of us who checked into our 80m and 40m NETS back in the early 70's know how different it was back then. Clobbered by QRO!

QRP FOREVER!

72, Ade

-----  
Date: Sun, 29 Oct 2000 21:56:02 -0600  
From: "Gordon Couger" <gcouger@couger.com>  
To: <aweiss@usd.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [82599] Re: FOX Taking up Too Much of 40m!  
Message-ID: <0cdd01c04225\$5319d940\$25daf0d0@home.xxx>

----- Original Message -----

> Hi gang:

>

> A couple of the posts about the FOX thread mentioned that the pile-up  
> takes up a lot of room around 7040. Courtesy and consideration were  
> behind these comments -- commendable considerations which I don't  
> in any way want to question.

>

> But aside from that, I had a big smile on my face after realizing --  
Yep!

> QRP has prospered so much that we basically take over a section of  
> the band. QRP is VERY recognizable these days, and that is great.

>

> I wonder how many QRO DX'rs hear the pile-up and automatically are  
> drawn to seek out the station causing it -- this is just a DX'rs normal  
> reflex -- hear a pile-up and look for the DX. And then they hear this  
> weak QRP stn calling "FOX" and wonder what the heck that's all  
> about!

>

> One very positive contribution is that the FOX pile-up publicizes the  
> ability of QRP to put out potent signals. In fact, I can't figure out  
how

> some of you FOX-hunters have such strong signals up here in SD!

Maybe we have California QRP just like California Kilowatts:} Just joking.

> You newcomers accept this all as "normal". Those few of us who checked  
> into our 80m and 40m NETS back in the early 70's know how different  
> it was back then. Clobbered by QRO!

>

And QRP-L had and fox hunting had a lot to do with it. I am mostly a  
lurker and occasional fox hunter but at the start the fox might have a  
half dozen contacts on a slow night in two hours of work. Now we have pile  
ups. I guess it's time to get out of the lurker mode.

Gordon W5RED

G. C. Cougar gcouger@provlue.net Stillwater, OK

-----

Date: Sun, 29 Oct 2000 23:57:20 -0600

From: "George, W5YR" <w5yr@att.net>

To: aweiss@usd.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82600] Re: FOX Taking up Too Much of 40m!  
Message-ID: <39FD0DC0.D45F242C@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ade, I would not think of disagreeing with a word you would say . . .  
but,

I suspect that if you added up the total radiated power of all our QRP signals in a Fox Hunt you would still have no more, and probably less, than the radiated power from at most two or three 100-watt QRO rigs. True, we are spread out over maybe one KHz, but at our power levels, the typical QRO operator not listening for "weaker" signals in the noise, like we are conditioned to do, probably regards our total effort as just a KHz of extra noise of some sort or perhaps some new digital mode.

We tend, I think, to regard our activity with considerable bias related to our own interest and enjoyment. A hundred or more S2 to S5 signals on the band sounds like a big deal to "us" because it *\*is\** a big deal to "us." It is perhaps curiously noticeable to someone not aware of what we are doing or why. Taken from the larger viewpoint on the band, though, we are just another small anomaly amongst the QRN and other QRM.

So, I really don't get to feeling much paranoia or guilt over "taking over" a part of the band. I get a tremendous kick out of chasing the Fox and get lucky most of the time, but I harbor no illusions about the absolute effect of our collective efforts.

Meanwhile, GO TORNADOS!!

72/73, George    W5YR - the Yellow Rose of Texas            NETXQRP 6

Fairview, TX    30 mi NE Dallas in Collin county            QRP-L 1373  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Ade Weiss W0RSP wrote:

>  
> Hi gang:  
>  
> A couple of the posts about the FOX thread mentioned that the pile-up  
> takes up a lot of room around 7040. Courtesy and consideration were  
> behind these comments -- commendable considerations which I don't  
> in any way want to question.

>  
> But aside from that, I had a big smile on my face after realizing -- Yep!  
> QRP has prospered so much that we basically take over a section of  
> the band. QRP is VERY recognizable these days, and that is great.  
>  
> I wonder how many QRO DX'rs hear the pile-up and automatically are  
> drawn to seek out the station causing it -- this is just a DX'rs normal  
> reflex -- hear a pile-up and look for the DX. And then they hear this  
> weak QRP stn calling "FOX" and wonder what the heck that's all  
> about!  
>  
> One very positive contribution is that the FOX pile-up publicizes the  
> ability of QRP to put out potent signals. In fact, I can't figure out how  
> some of you FOX-hunters have such strong signals up here in SD!  
>  
> You newcomers accept this all as "normal". Those few of us who checked  
> into our 80m and 40m NETS back in the early 70's know how different  
> it was back then. Clobbered by QRO!  
>  
> QRP FOREVER!  
>  
> 72, Ade

-----  
Date: Mon, 30 Oct 2000 00:31:57 -0600  
From: Dave Sjolín <sjolin@swbell.net>  
To: gcouger@couger.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [82601] Re: Proposal  
Message-ID: <39FD15DD.3B47ACC6@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Gordon Couger wrote:

>  
> The answer I see is to make two or more lists one for operators and one  
> for builders with short daily recaps of what is going on on the other  
> lists. If we still have problems break them down again. We keep the  
> strong ties with operations and building but allow members to choose how  
> much and what they want. Each list should have separate moderators to  
> lighten the load.

Rather than divide the list arbitrarily, all one has to do is learn to  
set the filters that come with their email software and the problem  
disappears. Select the topics you wish to receive and send the others to  
the trash bin without ever seeing them.

As to moderation, it will slow the reflector down considerably and no one has the time to devote to it.

> I realize there are concerns that the excitement of the fox hunt  
> contributed to the building but I contend that the number of posts per day  
> runs off more than the excitement attracts. And if they are into the  
> excitement they can subscribe to them all.

I don't see what the problem is. Even if you don't set filters, all you have to do is sort the email by subject, scan it and click on those you are interested in. The others can be deleted. You don't have to read several hundred posts a day.

If you are getting the posts as a digest or thru some web based service that forces you to read each, then that is your problem. Get real email software or sift through the mess. It's not the fault of the reflector that you're years behind in technology. Several people have suggested work arounds just during the last few days. Try them and find one suitable to your needs.

73 de Dave, N0IT

-----  
Date: Sun, 29 Oct 2000 22:22:36 -0800  
From: Dave Fifield <fifield@pacbell.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [82602] Re: Proposal - LAST POST ON THIS TOPIC PLEASE!!!  
Message-ID: <001701c04239\$cca1d1a0\$0600a8c0@earthlink.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

As a long time member of QRP-L #92, I am not in the least concerned about the high number of posts per day. That some are "running off new members and some old members" is highly questionable. More people join and leave this list every week than you or I ever get to hear about and for many and varied reasons I'm sure. We are but one group - QRP'ers - with several special interest sub-groups, that's what makes the QRP list what it is - totally unique, varied and interesting. I for one LOVE the diversity this list proffers.

It's been working very well now for a number of years, so I see no reason to change anything at all. Of course, you are quite welcome to go off and start your own list on whatever topic you so desire, then post here with your joining instructions to gather whatever membership wants to follow.

I suspect not many; take a look at the ARCI QRP-F list that was started just over a year ago....there are a mere handful of posts on that everyday and most of those are copies of stuff that's posted here! The people have spoken with their keyboards on that one!!

If we're all free to make proposals, I would like to propose that the topic of splitting the list be totally and utterly banned on QRP-L from this day forth.  
We are completely bored by it.

Please, everyone else, don't even bother to reply to Gordon or my emails, it's a total waste of our time! Tell us about your K1/SMK-1 building experiences or the juicy DX you worked QRP this weekend instead. (Me, I worked a VK - my first ever on QRP and on 10m too!!!).

Thanks and have a great day all.

72, Dave Fifield, AD6A

P.S. I heard K1MG work a weird DX station in the Zombie Shuffle.... S1VLE or something, what was it Mike...?

----- Original Message -----

From: Gordon Couger <gcouger@couger.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Sunday, October 29, 2000 6:19 PM  
Subject: Proposal

> As a long time member of qrp-l #155. I am concerned that the high number  
> of posts per day are running off new members and some old members. I know  
> that they have run me off several times. Even with the improvements it is  
> still a lot of posts every day because as I see we have 2 or 3 three  
> groups in one. We have the builders, fox hunters and what ever the Zombies  
> are doing.

>

> The answer I see is to make two or more lists one for operators and one  
> for builders wiht short daily recaps of what is going on on the other  
> lists. If we still have problems break them down again. We keep the  
> strong ties with operations and building but allow members to choose how  
> much and what they want. Each list should have seperate moderators to  
> lighten the load.

>

> I reailze there are concerns that the excitement of the fox hunt  
> contributed to the building but I contend that the number of posts per day  
> runs off more than the excitement attracts. And if they are into the

> excitement they can subscribe to them all.  
>  
> Gordon W5RED #155  
> G. C. Cougar gcouger@provlue.net Stillwater, OK  
>  
>  
>  
>

-----  
Date: Sun, 29 Oct 2000 23:41:26 -0700  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
To: qrp-1@Lehigh.EDU  
Subject: [82603] TT2/Cat Picture Website?  
Message-ID: <1.5.4.16.20001029234218.38672086@cadvision.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Does anyone remember the URL for a website that had all these pictures of cats along with TT2's. I am currently negotiating with my, not so very cooperative, cat ( Danny Boy ) to pose for a picture with my TT2. The photo session may cost me another Tuna Tin in the end.

72 de Niels  
VE6NJK/TF3NJ

Calgary, AB  
Canada

-----  
Date: Sun, 29 Oct 2000 23:04:00 -0600  
From: "Gordon Cougar" <gcouger@couger.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [82604] Re: Proposal  
Message-ID: <0d3b01c0422e\$d1a5b280\$25daf0d0@home.xxx>

I withdraw my idea. Not that I think it is wrong. It appears to have been beat to death in my absence of the last year. I still think that operating and construction have no reason to be on the same list except that's the



way it happend.

I think my two main objections are valid. Folks that might become active in QRP are put off by long down load times and large number of messages. Folks in some foreign countries that pay for the net by the minute or by the byte or both can't afford a list like QRP-L.

I do think that the list is substantially better than when I got fed up an left the last time.

Gordon W5RED

G. C. Cougar gcouger@provlue.net Stillwater, OK

From: "Dave Sjolín" <sjolin@swbell.net>

>  
> Rather than divide the list arbitrarily, all one has to do is learn to  
> set the filters that come with their email software and the problem  
> disappears. Select the topics you wish to receive and send the others to  
> the trash bin without ever seeing them.  
>  
> As to moderation, it will slow the reflector down considerably and no  
> one has the time to devote to it.  
>  
> > I realize there are concerns that the excitement of the fox hunt  
> > contributed to the building but I contend that the number of posts per  
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> > runs off more than the excitement attracts. And if they are into the  
> > excitement they can subscribe to them all.  
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> are interested in. The others can be deleted. You don't have to read  
> several hundred posts a day.  
>  
> If you are getting the posts as a digest or thru some web based service  
> that forces you to read each, then that is your problem. Get real email  
> software or sift through the mess. It's not the fault of the reflector  
> that you're years behind in technology. Several people have suggested  
> work arounds just during the last few days. Try them and find one  
> suitable to your needs.  
>  
> 73 de Dave, N0IT

-----

Date: Sun, 29 Oct 2000 23:33:59 -0800  
From: Dave Fifield <fifield@pacbell.net>  
To: nkristja@cadvision.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82605] Re: TT2/Cat Picture Website?  
Message-ID: <00af01c04243\$c4ed4520\$0600a8c0@earthlink.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Niels,

It's at <http://tunatin2.homepage.com/>

Enjoy!  
72, Dave, AD6A

----- Original Message -----  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
Subject: TT2/Cat Picture Website?

> Does anyone remember the URL for a website that had all these pictures  
> of cats along with TT2's

-----  
Date: Mon, 30 Oct 2000 01:24:50 -0800 (PST)  
From: ABCQRP <w6abc@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [82606] K1 #37 is Completed!  
Message-ID: <20001030092450.2537.qmail@web2105.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi,  
I happy to report that K1 #37 is completed! For those of you who visited and followed my progress along on my K1 building chronicle website I'm happy to say I actually completed the K1 ahead of schedule this evening after dinner. Those last few pages of parts just seemed to solder themselves onto the PC board. Testing went flawlessly and the K1 is putting out a solid 5 watts on 20 and 40. The receiver is exceptional. I've updated my website but won't have the final pictures until Monday...going to bed now. I wonder with whom my first QSO on 20 and 40 will be? Now on to the Epiphyte 3.

73/72,  
Jack W6ABC

-----  
Do You Yahoo!?  
Yahoo! Messenger - Talk while you surf! It's FREE.  
<http://im.yahoo.com/>

-----  
Date: Mon, 30 Oct 2000 05:26:45 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: W1R0@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82607] Infrequent Reminder: Re: Need QRP-1 command web site url  
Message-ID: <Pine.OSF.4.21.0010300525280.17529-100000@saturn4.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Look here:

[www.acs.oakland.edu/~prvalko/qrp1c.htm](http://www.acs.oakland.edu/~prvalko/qrp1c.htm)

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics.  
Visit the Virtual Ten\*Tec Museum at:  
<<http://www.acs.oakland.edu/~prvalko>>

On Sun, 29 Oct 2000 W1R0@aol.com wrote:

> My computer ate the url for the qrp-1 web site that list the commands. Please  
> send answer direct  
> Thanks  
> Jim  
> W1R0/7  
>

-----  
Date: Mon, 30 Oct 2000 06:32:56 -0500  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [82608] PSK 80 m ? s  
Message-ID: <20001030.063424.-73641.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0

Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

What kind of distance (miles) are you 80 meter PSK OPs getting?

What antenna?

John  
N3AAZ  
FM 19 xa

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 30 Oct 2000 05:34:37 -0700  
From: "Francis Callahan" <colcal@srv.net>  
To: <sjolin@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [82609] Re: Proposal  
Message-ID: <000f01c0426d\$c6072780\$1ddf070c@callahan>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am with you. I learn something new every day here and don't have to go to a dozen places to find the information 72 Cal KF7ET misplaced Vermonter in Idaho

----- Original Message -----

From: "Dave Sjolin" <sjolin@swbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Sunday, October 29, 2000 11:31 PM  
Subject: Re: Proposal

> Gordon Couger wrote:

> >

> > The answer I see is to make two or more lists one for operators and one  
> > for builders wiht short daily recaps of what is going on on the other  
> > lists. If we still have problems break them down again. We keep the  
> > strong ties with operations and building but allow members to choose how  
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> are interested in. The others can be deleted. You don't have to read  
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> that forces you to read each, that is your problem. Get real email  
> software or sift through the mess. It's not the fault of the reflector  
> that you're years behind in technology. Several people have suggested  
> work arounds just during the last few days. Try them and find one  
> suitable to your needs.  
>  
> 73 de Dave, N0IT  
>

-----  
Date: Mon, 30 Oct 2000 08:05:20 -0500  
From: Maxime Prati <mprati@postech.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [82610] Capacitor, resistor and inductor kit from Norcal...  
Message-ID: <1184DDFC52DBD311AF510050DA799BB72EC5D7@INTERNET-SERVER>  
MIME-Version: 1.0  
Content-Type: text/plain

Hi,

I've heard about those kits, are they still around ?  
Can I put my hand on it ?

73 de VE2HAC

"Eagles soar, but weasels never get sucked into jet engines."

Maxime Prati  
mprati@postech.ca

-----  
Date: Mon, 30 Oct 2000 08:27:30 -0800  
From: "Dave Benson" <nn1g@earthlink.net>  
To: <n3aaz-qrp@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [82611] Re: PSK 80 m ? s  
Message-ID: <00bf01c0428e\$4dcddc20\$ce20fc9e@pavilion>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

John-

I'm using a low dipole at my Connecticut QTH - it's up only 12-13' at the center. Copy is solid out to 200+ miles, although it varies some with conditions. My 2-way with Joe, N2CX, near Philly was about 80% both ways with our Warblers, and I've had a rock-solid QSO with a VE2 in Sherbrooke-about 250 miles. Best DX to date has been the Atlanta area but it was a struggle. Distances seem comparable to what you'd work using CW.

Just since I first put the Warbler prototype on the air last spring, I've watched the PSK31 activity growing on 80M. Here in the Northeast, you'll usually see one or more traces on the display at night, especially during W1AW's quiet period (9-10 PM Eastern). I've seen as many as 4 simultaneous traces in the Warbler's 1 Khz passband. That doesn't even begin to fill that slice of spectrum with PSK31! We've got a unique opportunity here to "make it happen".

Don't let the fact that it's 80M, as opposed to a 'DX' band, deter you in the slightest. Many of us are running short (or low) antennas and still getting out. Joe Everhart's 'Squirt' antenna is half-sized and gets out quite well- look for it in the next issue of the NJ QRP club's 'Homebrewer' journal. From the sound of Doug's recent post, none of the antennas in their wonderful 3-way QSO was a 'killer' skywire.

This is the season to begin thinking about the low bands, and enthusiasm for 80M yields creativity in the antenna area. This is something we all enjoy hearing about, whether we're WarbleHeads or not, and this enthusiasm gets us off our computers (maybe) and \*on the air\*.

73- Dave, NN1G

-----Original Message-----

From: John R Kirby <n3aaz-qrp@juno.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

>What kind of distance (miles) are you 80 meter PSK OPs getting?

>

>What antenna?

>

>John

>N3AAZ

-----  
Date: Mon, 30 Oct 2000 08:45:18 -0500

From: "Lau, Zack, W1VT" <z1au@arrl.org>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [82612] Re: DX opportunities this weekend

Message-ID: <125490A005E3D3118C9C00805FC743CC016B9B24@kahless.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Is there a DX award that doesn't allow the use packet or internet info  
to find stations?

I worked lots of easy DX--3V8BB, D4A, GZ7V, KP4KE QRP, and P40B.

Zack W1VT

-----  
Date: Mon, 30 Oct 2000 07:49:40 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: Fred Lesnick <flesnick@tbaytel.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [82613] Re: Is it asking too much for the foxhunters to make their own  
list?

Message-ID: <Pine.LNX.3.95.1001030074914.22799E-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Amen Fred....."divided we fall....."

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

On Sat, 28 Oct 2000, Fred Lesnick wrote:

> Yes it is.....I thought that is why this group was here.....

>

> Fred

> VE3FAL

>

>

>

>

-----

Date: Mon, 30 Oct 2000 09:06:56 -0500

From: "Brian" <brian@iquest.net>

To: "Anne Madsen" <anne@utahdesign.com>, <qrp-l@Lehigh.EDU>, "FPQRP" <fpqrp-l@mpna.com>

Subject: [82614] Re: [fpqrp] First TT2 QSO

Message-ID: <003801c0427a\$a9a41500\$2305080a@cincom.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Way to go Andrew!

Nice job.

----- Original Message -----

From: Anne Madsen <anne@utahdesign.com>

To: <qrp-l@Lehigh.EDU>; FPQRP <fpqrp-l@mpna.com>

Sent: Sunday, October 29, 2000 10:28 PM

Subject: [fpqrp] First TT2 QSO

> I just finished my first QSO with my Tuna Tin 2. I've had the rig for  
> months now, just didn't get around to hooking it up until tonight. I  
> called CQ and on about the third CQ got an answer from Jeff, AB6MB in  
> Antioch, CA. After the initial exchanges, packet came on frequency and  
> wiped our QSO out. My RST was a 449. I gave him a 559. Receiver was  
> my Elecraft K2 #1637. Antenna was my 40 meter dipole up about 15 feet.  
>  
> --



> 73,  
> Andrew Madsen AC7CF  
> ac7cf@qsl.net  
> <http://www.qsl.net/ac7cf>  
> AOL IM: ac7cf  
> FISTS nr. 7439 | QRP-L nr. 2180  
> FPQRP#-71 | A.R.S nr. 738  
> SOC #376 | UARC | ARRL  
> Norcal | NOGAQRP | NJQRP  
>  
>  
> -To unsubscribe, mail to [majordomo@fpqrp.com](mailto:majordomo@fpqrp.com), msg: unsubscribe fpqrp-l -  
>

-----  
Date: Mon, 30 Oct 2000 09:10:30 -0500  
From: John AE5X <[ae5x@juno.com](mailto:ae5x@juno.com)>  
To: [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)  
Subject: [82615] NorCal Surface Mount Transceiver  
Message-ID: <20001030.091034.-96917.0.ae5x@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Any word on the status of this upcoming kit?

John Harper AE5X  
HW-9, OHR-100A/20M, NC-40A, DSW20, SST30, SST40  
Outdoor QRP: <http://www.qsl.net/ae5x>

-----  
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Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 30 Oct 2000 09:07:32 -0500  
From: Joseph I Pirkle <[ad4ih@juno.com](mailto:ad4ih@juno.com)>  
To: [qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)  
Subject: [82616] Re: Capacitor, resistor and inductor kit from Norcal...  
Message-ID: <20001030.090733.-3911343.1.ad4ih@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I, too, am interested in obtaining that components kit!!!!!!!!!!!!

On Mon, 30 Oct 2000 08:05:20 -0500 Maxime Prati <mprati@postech.ca>  
writes:

>  
> Hi,  
>  
> I've heard about those kits, are they still around ?  
> Can I put my hand on it ?  
>  
> 73 de VE2HAC  
>  
> "Eagles soar, but weasels never get sucked into jet engines."  
>  
> Maxime Prati  
> mprati@postech.ca  
>  
>

72/73,  
Joe Pirkle  
QRP-L #2236 - Zombie #754  
ad4ih@arrl.net  
ad4ih@juno.com

-----  
Date: Mon, 30 Oct 2000 09:36:02 -0500  
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
To: NoVa QRP group <NoVaQRP@topica.com>, QRP-L <qrp-l@lehigh.edu>, NJ QRP Club  
<njqrp@njqrp.org>, GQRP-L <gqrp@onelist.com>  
Subject: [82617] 1000 QSOs in Y2K, de N4UY  
Message-ID: <39FD8752.6A9BF034@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, I had to tell someone about this -- when I talk to my wife about  
ham radio she just smiles at me and shakes her head.

At 1917utc on 29Oct00 I got my 1000th QSO of the year with FY/DL5CF (Bob  
- N4BP with his new K1 was #9999).

The 1000 QSOs break down as follows.

Summary of QSOs (1Jan00 to 29Oct00):

|                     |      |
|---------------------|------|
| Total QSOs          | 1000 |
| QRO QSOs            | 74   |
| QRP QSOs            | 926  |
| QRP DX QSOs         | 613  |
| QRP Counties        | 113  |
| Confirmed           | 82   |
| 2-way QRP countries | 19   |

DX QRP QSOs by Band:

|     |     |
|-----|-----|
| 10m | 370 |
| 12m | 11  |
| 15m | 93  |
| 17m | 15  |
| 20m | 117 |
| 30m | 3   |
| 40m | 4   |

QRP States 45  
(need KS, NH, SC, VT, WV)

QRPp QSOs 77  
QRPp Countries 3 - Scotland, England & Germany

Tuna Tin QSOs 74  
Tuna Tin States 17

Most of my QRP DX QSOs were on my attic 10/15/20m fan wire dipole.  
Most of the QRO and TT QSOs were on outdoor wire dipoles.

Well, that's it -- conditions on 10m have been good this year. I guess  
I better get started on the rest of the QSL cards.

73,

Jake -- N4UY  
Vienna, VA  
(Wash DC suburbs)

-----  
Date: Mon, 30 Oct 2000 08:39:47 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>

Subject: [82618] FOX - Team Results - another correction -  
Message-ID: <Pine.LNX.3.95.1001030083638.22799M-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

.Hunt #2 - K5OI - Tim -

The Raiders of the Lost RF - 4

Mary - NA6E  
Fred - VE3FAL \*  
Rob - VE6JAZ  
Earl - VA6RF \*  
Bruce- VE5RC \*

The Big Dawgs - 8 Clean Sweep#1

ET - N1FN \*  
Tom - N5TW \*  
Larry- WJ1R \*  
Bill - K0MP \*  
Bob - N6WG \*

The ScQRPions - 8 Clean Sweep#1

Floyd - NQ7X \*  
Brian - K7RE \*  
Conard- WS4S \*  
Chuck - K7QO \*  
Bob - NK7M \*

The Flying Pigs #1 - 4

Diz - W8DIZ  
Rick - WB6JBM  
Dan - N8IE \*  
Brian- KB9BVN  
Dave - KB5MHS

The Cheeseheads - 10 Clean Sweep#2

Brian - AE9K \*  
Jerry - N9AW \*  
Rick - NK9G \*  
Lou - W9XU \*  
Jim - WA9TZE \*

The Houston Hounds - 9 Clean Sweep#1

Bill - K5ZTY \*  
Bill - W5SB \*  
Terry- KQ5U \*  
Dan - KK5LD \*  
Danny- WA5OJE \*

The New England Hunt Club - 4

Joel - K1QM(SK)  
John - K1JD  
Jim - KC1FB  
Aron - N1ODL  
John - KB1ENS  
Seab - AA1MY

The Swamp Rats - 6

Paul - K4FB \*  
Jack - K4BYF  
Pete - NV4V \*  
Fred - W2XN  
Tom - N1TP \*

The Buffalo Wings - 3

Mark - K2QO  
Dave - AA2PF  
Howard- K2UD  
Bob - K2VNM  
Scott - AC3A

The Bayou City Brass Pounders - 9

Ed - K5VUU \*  
Bob - N5ET \*  
Henry - W5HNS \* "Clean Sweep"  
OJ - K10J \*  
Bruce - N1LN \*

The Flying Pigs#2 - 2

Andy - N8MX  
Kent - KB9VZS  
Ron - N8VAR  
Kenn - KM7KEN  
Andrew - AC7CF

The Cajun Thunder - 3

Joel - KE1LA  
John - K5JS  
Wayne - K5E0A  
Jim - N5IB  
Tom - AC5JH \*

The VA Hams + OLW - 0

Mike - KT4FJ  
Doug - W4IDW  
Skip - K0YWD  
John - W4IM  
Paul - W2RIA

The Minnesota North Stars - 8

Mert - W0UFO \*  
Scott- N0AR \*  
Craig- AA0ZZ \*  
Jim - N0UR  
Pat - K0PC \*

The Night Owls - 1

Thom - WI8W  
Jim - KJ0C  
Ed - N4XY  
Ronnie- KE4VPN  
John - K7FD/K7LOW \*

The Fox Terrors - 8 Clean Sweep#1

Tim - K5OI \*  
Don - K5AAR \*  
Karl - K5DI \*  
Dave - W0CH \*  
Doc - K0EVZ \*

The Underdogs - 6

Dan - N4ROA \*  
Roy - AB7CE  
Art - KB7WW \*  
Glenn - WA7SPY \*  
Ron - KI0II \*

The NE-TX Tornados - 7

Bill - K5JHP \*  
Chuck - W5USJ  
Don - K5DW \*  
George- W5YR \*  
Rich - N5JI

The Cockroaches - 1

Gary - KM5TY  
Dave - N0IT \*  
Rich - K7SZ  
Tom - WA1VAI/3  
Mike - KD5CMN

The Terminators - 3

Bill - NT1R  
Thaire - W2APF  
David - K7EL \*  
Bob - N7XY  
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank  
you...72 - Bruce(VE5RC+VE5QRP)

-----  
Date: Mon, 30 Oct 2000 09:38:24 -0500  
From: Bill Lazure <n2tpa@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [82619] PCB Software Mistake  
Message-ID: <20001030.093950.-221909.9.N2TPA@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Folks,

My original review of several cheap PCB Layout software packages contained a MAJOR error. The one that I recommend isn't ISYS Lite, it's ARES Lite. Isys is the companion schematic editor.

73,

Bill  
W2EB

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Mon, 30 Oct 2000 06:58:31 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu  
Subject: [82620] PSK:Western Warblers  
Message-ID: <39FD8C97.24B73D99@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Friends,

I've always wanted to coin a new word or phrase, so here goes:

Warbler (warbel-ear), n 1. One who operates PSK-31, esp. with a NJ QRP

Club PSK-80 Warbler transceiver. 2. Anyone running PSK-31 (BPSK or QPSK) with any kind of transceiver, QRP or QRO.

George Heron sold a hundred Warbler kits at Pacificon. I would guess that 50% of those kits went to west coast QRPers who live within a couple hundred miles of the bay area. If you're one of those, how about joining Doug (KI6DS), Dave (AB5PC) and myself (KD7S) in a round table chat on 80 meters.

Set up DigiPan on 80 meters at 3582 kHz, BPSK, LSB and a 1,500 Hz tone. Activate AFC, NET and SNAP. If you chose to use Squelch, set the threshold fairly low (no more than 2-3 notches from the bottom).

I'd like to suggest we create a "Western Warblers" round table QSO party on Sunday evenings beginning at 7:00 p.m. PST. No net control, no formal check-ins, just a round table discussion using PSK-31 running 5 watts or less from any rig (but especially the Warbler). Who's in?

Note: For the benefit of those who aren't interested in having fun with PSK-31, I will precede my posts with PSK: so that you can filter them out.

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Mon, 30 Oct 2000 15:00:10 GMT  
From: "Tom Dufresne" <tdufres@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [82621] Kitchens's Regen Receiver (Long Post)  
Message-ID: <F25gdSVxo3edi5mwWH700004c58@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Group:

Just completed my regen receiver a la QST a few months ago. Decided to try "Manhattan Style"-thats the one with tomatoes, right? (grin) It was a real fun experience. I'm gonna get some photos and put it up on the ol' web sight. First some comments then some questions...

I used a thin piece of PCB material (double sided) and just snapped off small (6mm) square pieces for the "islands". I also used small coax for all connections to/from the pots, figured I would reduce RF interference. Anyway, I stumbled upon a way to use small coax (RU-174?) for connections. I first warmed up the plastic coating with a lighter, then stripped it. Came

off great. (Don't cut the coax to fit until you have stripped one end off... Trust me!) Then remove the braid, snip with dikes until clean. Then, take a small heat sink (like the one they stock in the Radio Shack solder tool kit-looks like a small clamp) and put it a few mikes (mm) in front of the braid end. Fire up the lighter JUST ENOUGH to ignite the plastic sheath covering the center conductor, let it burn slowly. It will reach the heat sink, burn all the plastic in front, then extinguish leaving a nice clean center conductor. Before it (the molten plastic) solidifies, remove the clamp by swiping it along and off the center conductor. Finish by tinning the center conductor and there ya have it! I then put heat shrink tubing on the ends, and it worked FB. I did this about 20 times (I used 3 pots for this project) so I had a good trial by "fire" shall we say. I also found it was much easier if I heated and applied solder to the "islands" before I placed components, versus holding components over islands and trying to place 'em without "tinning" the islands. Is this common practice? Remember, I am a newbie!

Questions:

- 1) I notice I am receiving mostly SW stations in the "high" end of 40m, could I modify my coil (L1) or my caps (10pF-comes directly off C1) to reach lower, say, 7.025 MHz-7.2MHz?
- 2) Using a giant loop antenna (250'+) I notice the receiver gets almost NO SW stations, in fact, mostly AM only. When I touch the big ceramic cap, the AM's POUND in; Why?
- 3) When can I start the next project? (grin)

Thanks for listening

Tom

KC0GXX

---

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---

Date: Mon, 30 Oct 2000 09:14:11 -0600  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-1@Lehigh.EDU  
Subject: [82622] SOLD- Daiwa Active Filter  
Message-ID: <3.0.2.32.20001030091411.007e3c80@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

The filter is sold. Thanks for the replies.



Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

-----  
Date: Mon, 30 Oct 2000 10:33:15 -0500  
From: "Richard E. Robinson" <rerobins@email.uncc.edu>  
To: qrp-l@lehigh.edu  
Subject: [82623] FOX - The Ghost Fox  
Message-ID: <v03110700b6233c7e578e@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Halloween night when the Goblins are flying about, I'll be the Ghost Fox.  
I hope to work all you hungry hounds and other things that go bump in the  
night.

The exchange will be:

(your call) DE KF4AR RST NC NAME PWR (your call) DE KF4AR

I will be using my RIT liberally and I encourage all hounds to stay off of  
my freq if possible. Please send your call only once. If I need a repeat,  
I will send the partial call followed by a "? BK". This is not an open  
invitation for all hounds to start sending their call. Thanks for your  
patience and understanding.

I'll give a QRZ 6 and 7 toward the end of the hunt to give the  
geographically challenged folks out west a chance. I realize that it can  
be tough to work NC at that hour out west.

The hours will be 0200 - 0400 UTC 11/01/00 or 9PM - 11PM EST 10/31/00.

72 and Boooooo!,

Rick kf4ar

-----  
Date: Mon, 30 Oct 2000 07:36:58 -0800 (PST)  
From: Jim Hale <kj5tf@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [82624] Mobile Milliwatting  
Message-ID: <20001030153658.2910.qmail@web701.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Sunday I spent an hour parked near Fayetteville, Arkansas in my pickup truck. I will be doing this almost every Sunday through the winter months.

My mobile ham equipment consists of my QRP+, WM-2 QRP wattmeter, & my PW-1 screwdriver antenna.

I started calling CQ at about 2:30pm central on 28.060 and went QRT at 3:30pm. In that time I got 3 calls, all from the state of Maine! Wow, did I have a pipeline there or what!?

First was N1WPU, he gave me a 549, and reported 4" of snow! His antenna a G5RV. Next comes W1DLC, and I got a 599 and report of 6" of snow there! Last of the afternoon was W1LIC Bangor, Me and a 559 from Wes.

In each case I called CQ with 700mW, and exchanged all information. After that, and seeing QSB on their signals I went up to "QRO" of 3 watts to rag chew a little.

Next Sunday I won't be mobile, but from then on I hope to meet some QRP-L folks. Keep me company as I spend 1 - 2 hrs parked each Sunday afternoon, all winter.

72/3's de Jim KJ5TF  
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Yahoo! Messenger - Talk while you surf! It's FREE.  
<http://im.yahoo.com/>

-----  
Date: Mon, 30 Oct 2000 08:26:16 -0500  
From: George Murphy <VE3ERP@ENCODE.COM>  
To: qrp-l@lehigh.edu  
Subject: [82625] Fox Hunt logging program  
Message-ID: <4.3.2.7.0.20001030082022.00a9c380@ENCODE.COM>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

TNX for the many replies and suggestions. I am sending the logging program to several of you who have offered to evaluate it and make it available to anyone who would like to have it, if it is any good.

Murph VE3ERP

-----  
Date: Mon, 30 Oct 2000 07:47:04 -0800 (PST)  
From: Jim Hale <kj5tf@yahoo.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [82626] 12M Milliwatting monday AM  
Message-ID: <20001030154704.4238.qmail@web705.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Right after coffee this morning I turned on 12M and heard VP5/WA2VYA CQ'ing on 24.895MHz. Only a few callers so I moved my 2 el quad his direction, reduced my power to 50mW and called him.

I got a reply, and a 559! Cool!

Next I heard RN3DY CQ'ing and I moved the beam to the NE, and called him with 700mW. This was ruff, I had to repeat my call 3 times but he got it finally, and we exchanged info. His signal took a dive so I went to 3w, and told him a little more, and he calls "AS", and reduced his power to 5 watts!

If I hadnt gone to "QRO" 3 watts, I might have lost him, and we wouldnt have made the 2x QRP.

SOooo there is a time for mW and a time for Watts!

Hi!

72/3's de Jim KJ5TF  
"All Milliwatts, All The Time" (almost!)

=====

<http://www.madisoncounty.net/~kj5tf/>  
Milliwatting Editor ARCI QRP Quarterly  
Join/renew membership QRP Amateur Radio Club International  
<http://www.qrparci.org/arcijoin.html>  
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W  
Private email [kj5tf@madisoncounty.net](mailto:kj5tf@madisoncounty.net)

-----  
Do You Yahoo!?  
Yahoo! Messenger - Talk while you surf! It's FREE.  
<http://im.yahoo.com/>

-----  
Date: Mon, 30 Oct 2000 07:57:48 -0800  
From: Bob Nielsen <[nielsen@oz.net](mailto:nielsen@oz.net)>  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Subject: [82627] Re: DX opportunities this weekend  
Message-ID: <20001030075748.A3950@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

I don't know about awards, but the CQWW competition this past weekend has a separate category for those who use the clusters for spotting, also three power categories; qrp, low (<100W), and gro.

Bob

On Mon, Oct 30, 2000 at 08:45:18AM -0500, Lau, Zack, W1VT wrote:  
> Is there a DX award that doesn't allow the use packet or internet info  
> to find stations?  
>  
> I worked lots of easy DX--3V8BB, D4A, GZ7V, KP4KE QRP, and P40B.  
>  
> Zack W1VT

--

Bob Nielsen, N7XY  
Bainbridge Island, WA

[nielsen@oz.net](mailto:nielsen@oz.net)  
<http://www.oz.net/~nielsen>

-----

Date: Mon, 30 Oct 100 10:58:50 -0500 (GMT+5)  
From: wd9eyb@butler.qrp.com  
To: qrp-l@lehigh.edu (QRP List), n2apb@amsat.org  
Subject: [82628] Re: Portable PSK - photos & diagrams on website  
Message-ID: <200010301558.KAA17048@butler.qrp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

George,

That's neater than snot!  
This is what ham radio is about.  
Thanks for doing the project and telling us about it.

Jim, WD9EYB

-----  
Date: Mon, 30 Oct 2000 10:07:18 -0600  
From: "James Parsons" <res075cz@gte.net>  
To: <kj5tf@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [82629] Re: 12M Milliwatting monday AM  
Message-ID: <005f01c0428b\$7aa820a0\$7c640304@dsl.vz.genuity.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

....and a time for KW?

----- Original Message -----  
From: "Jim Hale" <kj5tf@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, October 30, 2000 9:47 AM  
Subject: 12M Milliwatting monday AM  
    SOooo there is a time for mW and a time for Watts!  
>

-----  
Date: Mon, 30 Oct 2000 09:17:38 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Richard E. Robinson" <rerobins@email.uncc.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [82630] Re: FOX - The Ghost Fox  
Message-ID: <Pine.LNX.4.10.10010300906070.777-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Richard, take pity on the poor NM Hams that are 5's along with Mississippi'ians. We are thousands of miles apart but similar in other ways. For example if it were not for the bad rating of the Mississippi school system, New Mexico would be ranked 50th out of 50.

I plan to be active and try to find a hole about 3 KHz away from your frequency. So please tune about and listen for a weak New Mexican, poorly educated.

On Mon, 30 Oct 2000, Richard E. Robinson wrote:

> Halloween night when the Goblins are flying about, I'll be the Ghost Fox.  
> I hope to work all you hungry hounds and other things that go bump in the  
> night.  
>  
> The exchange will be:  
>  
> (your call) DE KF4AR RST NC NAME PWR (your call) DE KF4AR  
>  
> I will be using my RIT liberally and I encourage all hounds to stay off of  
> my freq if possible. Please send your call only once. If I need a repeat,  
> I will send the partial call followed by a "? BK". This is not an open  
> invitation for all hounds to start sending their call. Thanks for your  
> patience and understanding.  
>  
> I'll give a QRZ 6 and 7 toward the end of the hunt to give the  
> geographically challenged folks out west a chance. I realize that it can  
> be tough to work NC at that hour out west.  
>  
> The hours will be 0200 - 0400 UTC 11/01/00 or 9PM - 11PM EST 10/31/00.  
>  
> 72 and Boooooo!,  
>  
> Rick kf4ar  
>  
>  
>  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Mon, 30 Oct 2000 11:17:16 US/Eastern  
From: n2cx@voicenet.com  
To: n3aaz-qrp@juno.com  
Cc: qrp-1@lehigh.edu  
Subject: [82631] Re: PSK 80 m ? s (long as usual)  
Message-ID: <200010301617.LAA348112@nss4.cc.lehigh.edu>

John R Kirby wrote:

>What kind of distance (miles) are you 80 meter PSK OPs getting?  
>  
>What antenna?  
>  
>John  
>N3AAZ

Boy am I glad you asked!

As Dave Benson pointed out, the distance you can get is similar to what you will see with cw. In fact we had a mulit-way QSO on the evening he mentioned. I heard him in QSO from his QTH in CT with Skip KH6TY/4 in South Carolina. Unfortunately propagation to Skip would only support 10% or so copy.

However Dave and I were about 80% for most of a couple of hours between CT and NJ. And along the way W3CFO chimed in from near Reading PA with a solid signal (at 20 watts) to both of us. And George N2APB near Baltimore copied us all qwitha Gap antenna stowed horizontally a coupe of feet above ground, though he had no transmitter set up.

Dave and I were both using beta version Warblers at about 4-5W PEP. My antenna was a proto of the NJQRP Squirt.

As Dave mentioned, the Squirt will be described in he next QHB. It is a reduced sizeinverted vee dipole that fits in a 50 foot ground space. It is fed with 300 ohm twinlead and uses adead simple tuner. Best of all, NJQRp is offering a complete Squirt kit with all wire, feedline, insulator parts and tuner components and a detailed illustrated manual. We have a limited number of them for sale for \$19 plus \$5 shipping (\$7 outside the US).

See the NJQRP web site for more info:

<http://www.njqrp.org/squirt/index.html>

Based on experience so far it looks like the Warbler would be an excellent way to establish a local activity frequency for a club or other group to hold a net within a 100-200 mile radius. you could even leave your rig monitoring at all times and check Digipan periodically to see who is currently on and who was around when you weren't!

Hope this answers your question

72/73,

Joe E.,  
N2CX

-----  
This message was sent using Voicenet WebMail.  
<http://www.voicenet.com/webmail/>

-----  
Date: Mon, 30 Oct 2000 11:26:32 -0500  
From: Royce Simmons <w2rbn@prodigy.net>  
To: qrp-l@Lehigh.EDU  
Subject: [82632] Schematic Program  
Message-ID: <39FDA138.497E@prodigy.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings All,

Anyone know of a schematic drawing program ?

Thanks, Royce

--

Royce Simmons  
Please note my new Internet ID: w2rbn@prodigy.net

-----  
Date: Mon, 30 Oct 2000 08:30:04 -0800



From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu  
Subject: [82633] PSK:Low antennas for 80 meters  
Message-ID: <39FDA20C.82D45DA2@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Friends,

As Dave Bensen pointed out, a low dipole on 80 meters can be a very effective radiator for close in (200 miles or so) communications. In fact, a low antenna is usually much better than a higher one for local contacts.

Take a moment to visit the very nice web page of Patricia Gibbons, WA6UBE, wherein she describes the concept of NVIS and how it applies to what we're doing with the Warblers on PSK-31.

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Mon, 30 Oct 2000 08:24:43 -0800  
From: David Adams <david@theadamsclan.com>  
To: qrp-l@lehigh.edu  
Subject: [82634] Warbler antenna  
Message-ID: <jUsT.aNoTheR.mEsSaGe.iD.9729234779196@theadamsclan.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Well, seeing as the warbler kit is becoming so popular, I was wondering if anyone had any thoughts on a limited space warbler antenna. My interest is purely selfish as I live in an apartment and 80m is difficult to deal with (barring an isotron-type setup). Considering the 1kHz bandwidth, compromises can be made. I've seen the squirt, of course, but California Apartment dwelling is not terribly dipole friendly. Any thoughts?

73 de dave, N9UXU

-----  
Date: Mon, 30 Oct 2000 08:32:42 -0800  
From: dave\_epps@juno.com  
To: kd7s@psnw.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [82635] Re: PSK:Western Warblers  
Message-ID: <20001030.083248.-55931.0.dave\_epps@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Western Warblers sounds great to me. This makes you Warbler #1. I would like to see honorable mention for Dave Benson who made this possible at the beginning. Sure I can operate PSK-31 on my store-bought rigs, but I like to build and Dave has made that possible for PSK-31. I think activity on 80 meters will explode as it has on 20 meters. It is astounding how many show up saying that they have returned to ham radio after being away for many years. On 80 meters we will meet guys that we know and have more things in common with. I will be on at 8:00 p.m. evenings and the Sunday evening net at 7:00 PST sounds great. I am available during the day if anyone wants to try out their Warbler.  
dave ab5pc fresno, ca.

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.  
-----

Date: Mon, 30 Oct 2000 12:39:16 -0500  
From: soconfli@idirect.com  
To: qrp-1@lehigh.edu  
Subject: [82636] Re: RF Engineering Handbook - Free Download  
Message-ID: <200010301739.MAA00803@nownthen.local>

Karl and Phil,

I dont know if this will help you guys or not, but if you are running Linux you can do it with a program called wget.

I used `wget -r -l1 http://ewhdbks.mugu.navy.mil/contents.htm`

It worked for me.

GL

Serafino ve3lkn

-----  
Date: Mon, 30 Oct 2000 08:40:41 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82637] Re: PSK:Low antennas for 80 meters  
Message-ID: <39FDA489.C35F7225@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I forgot to add the URL for WA6UBE's web page. It is:  
<http://www.ci.san-jose.ca.us/oes/races/hfradio.htm>  
Sorry 'bout that.

Bill Jones wrote:

>

> Friends,

>

> Take a moment to visit the very nice web page of Patricial Gibbons,  
> WA6UBE, wherein she describes the concept of NVIS and how it applies to  
> what we're doing with the Warblers on PSK-31.

> --

> -----  
> Bill Jones - KD7S <><  
> Sanger, California  
> <http://www.psnw.com/~kd7s/>  
> -----

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Mon, 30 Oct 2000 11:44:06 -0500

From: Bill Coleman <aa4lr@arrl.net>  
To: <fxtech@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [82638] Re: Anyone else hearing the SSB on 7.041 MHz???  
Message-ID: <1000930114406.LAA26718@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/28/00 1:16 AM, Trevor Jacobs at fxtech@earthlink.net wrote:

>I'm hearing a station on 7.041 MHz identifying himself as 6D2X (probably not  
>the complete call) using SSB.

6D2X is in Mexico.

>Anyone else hearing this??? What's going on?

It's a contest. In fact, it is the biggest radio contest of the year --  
the CQ WorldWide DX contest.

>I'm hearing other stations responding to him also. Is my ICOM screwed up???  
>This doesn't sound right. Take Care...

Well, not everyone follows the same bandplan as the US. In fact, in  
Region 1 (Europe, Africa), hams only have access to 7.0-7.1 MHz, since  
7.1 and up is part of an international broadcast band.

Most countries don't have mode-related bandplans. Hams are free to  
operate whatever mode they like within their designated bands, like 160m  
is to us.

So, if you want to work Region 1 hams, you have to get down below 7.1 MHz  
on SSB. During a big contest, you'll find SSB down to 7.040 and even  
lower.

How do these guys work US stations, who can only go to 7.150? Well, they  
work "split" where they call on one frequency and listen on another. They  
announce their listening frequency when they CQ. (eg "CQ Contest Six  
Delta Two X-Ray listening Seven Two Two Zero")

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----

Date: Mon, 30 Oct 2000 09:08:07 -0800  
From: Jeff Grudin <grudin@vdbbs.com>  
To: qrp-l@lehigh.edu  
Subject: [82639] PN100 Transistor?  
Message-ID: <39FDAAF7.AE35C5C5@vdbbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone know what a PN100 transistor is. I have aquired a small bag full of them but haven't figured out what they are yet.

--

73 de AC6KW <mailto:grudin@vdbbs.com>  
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----  
Date: Mon, 30 Oct 2000 11:04:06 -0600  
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>  
To: "QRP-l" <qrp-l@lehigh.edu>  
Subject: [82640] List Proposals and QRP-L  
Message-ID: <04ed01c04293\$baed1820\$0200000a@mcg.net>

Hello everyone, (As always, replies to this message are to be direct to me and not on the list.)

I hope we are all tired of the proposing of changes to QRP-L over the last few days. First, I'd like to mention that QRP-L policy matters are off topic. Meaning they are not to be discussed on the list. This includes how the list should be run and splitting the list up. If you did not know this, please take a few minutes to go to our website and review the "QRP-L Posting Guidelines". <http://qrp.lehigh.edu/lists/qrp-l/> I also hope that the posts on this subject of the last few days illustrate why this is one of the banned subjects in the Posting Guidelines. This list is what it is, if there are changes that need to be made those ideas need to be presented to the list Manager and/or Listowner. Posting to the list itself will not get anything done as it won't be considered and just wastes additional bandwidth and lowers the S/N ratio.

I'd also like to point out the I do not, and simply can not, read every post to this list. I too have a real life and only two eyes. So if you see something going on and don't think I'm doing anything about it, maybe I don't know about it! Therefore it is up to you, the members of this list, to drop me a note when you see a problem. Once I'm aware of a it I will deal with it. The WORST thing you can do is post to the list yourself, as more often than

not, this just adds to the problem, bandwidth, and opens a can of flame war bait.

If you have concerns about the list, ideas for improvement, or a complaint. Please send them to me at this address [manager@qrp.lehigh.edu](mailto:manager@qrp.lehigh.edu) .

Thank you for your attention and lets keep the posts coming within the guidelines for QRP-L.

73 de Cla KA0GKC Manager QRP-L

-----  
Date: Mon, 30 Oct 2000 12:22:20 -0500  
From: John Meade <[john.meade@smc.com](mailto:john.meade@smc.com)>  
To: [qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)  
Subject: [82641] Re: Schematic Program  
Message-ID: <39FDAE4B.265CA7DA@smc.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Royce,

You might want to try Pspice. There is a student version that is a free download from [www.orcad.com](http://www.orcad.com). The latest rev is 9.1. There are some limitations, as outlined below from their website. Many community (and other) colleges use this for schematic drawing and simulation.

72,

John W2XS

Limits

The following limits apply to the Student

Version of the products:

PSpice A/D

Circuit simulation is limited to circuits with

up to:

64 nodes

10 transistors

65 digital primitive devices

10 transmission lines in total (ideal or

non-ideal)

4 pairwise coupled transmission lines.

Additional limits:

The sample library includes 39 analog and 134 digital parts.

Device characterization in the PSpice Model Editor is limited to diodes.

Stimulus generation in the PSpice Stimulus Editor is limited to sine waves (analog) and clocks (digital).

Circuit optimization with the PSpice Optimizer is limited to one goal, one parameter, and one constraint.

You can not create CSDF format data files.

You can only display simulation data from simulations performed with the Student Version of the simulator.

#### Schematics

You can place a maximum of 50 parts on a schematic design.

You can only draw on size A sheets.

#### Capture

The PSpice libraries are the only ones included. The standard Capture libraries are not included.

Import facilities, netlisters, and accessories that are not relevant to PSpice are not included.

You can not save a design that contains more than 60 parts. (You can view or create larger designs, but you can not save them.)

You can not save a library that contains more than 15 parts.

-----  
Date: Mon, 30 Oct 2000 12:47:01 EST  
From: DYARNES@aol.com  
To: jsm@gulfislands.com, qrp-1@lehigh.edu  
Subject: [82642] Re: Tuna Tin II - 20  
Message-ID: <d3.bc95661.272f0e15@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 10/21/00 8:52:45 PM US Mountain Standard Time,  
jsm@gulfislands.com writes:

<< Built up a new Tuna Tin II on a homebrew PC board....this one for 20m  
...seems to work well. Getting about 360mW out but think I can still  
optimize the final pi-network and squeeze a bit more power out. >>

Hi All,

Over the weekend I worked Steve using his 20 meter TT2 (I was using my new K1  
at about 4 watts, so no 1,000 mile per watt certificate for me). Steve's  
peanut whistle sounds pretty darn good! Any of you wanting to try and put  
one of these together for 20 meters might want to check with Steve if you  
have any questions. Obviously he has the formula!

Dave W7AQK

-----  
Date: Mon, 30 Oct 2000 12:56:57 -0500  
From: Joe Street <jstreet@venus.uwaterloo.ca>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [82643] Schematic Program  
Message-ID: <39FDB669.A0063EA1@venus.uwaterloo.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A little off topic but since there are some builders on QRP-L I think it  
is merited. I would like to propose we adopt a standard for drawing  
schematics and sharing them on the internet. Perhaps there already is a  
defacto standard that I am not aware of. Please advise if so. I have  
been using QuickCAD which is a low cost CAD program from Autodesk, the  
makers of AutoCAD. The people at Autodesk have created a file type with  
the extension .DWF which is intended to make sharing drawings on the  
internet a snap (no pun). Autodesk even provides a free plugin for your  
web browser on their page which you can download for free and use to  
view AutoCAD/QuickCAD files even if you do not have the drawing package  
itself. Can we get a thread going on this and see what the consensus of  
the group is on this topic?

FYI; Autodesk site for obtaining "Whip" the free plugin viewer;

<http://www3.autodesk.com/adsk/section/0,,163301-123112,00.html>



Joe ve3vxo

-----  
Date: Mon, 30 Oct 2000 10:30:19 -0800  
From: Radman <radman@best.com>  
To: "'Jeff Grudin'" <grudin@vdb.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82644] RE: PN100 Transistor?  
Message-ID: <01C0425C.6D25EB80@radman.vip.best.com>

Jeff,

The PN100 is an NPN General Purpose Amplifier.  
TO-92 package ~ 10 cents ea in low quantity.  
Datasheets are available at the following URL:  
<http://www.fairchildsemi.com/pf/PN/PN100.html>

Have fun,

Conrad - NN6CW

-----  
From: Jeff Grudin[SMTP:grudin@vdb.com]  
To: Low Power Amateur Radio Discussion  
Subject: PN100 Transistor?

Anyone know what a PN100 transistor is. I have acquired a small bag full of them but haven't figured out what they are yet.

--

73 de AC6KW <<mailto:grudin@vdb.com>>  
Jeff Grudin, DVM Web Add: <http://www.vdb.com/~grudin>

-----  
Date: Mon, 30 Oct 2000 10:30:39 -0800  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Cc: "K6BNC (Bill Chambers) (E-mail)" <[bill\\_chambers@yamaha-motor.com](mailto:bill_chambers@yamaha-motor.com)>, "AD6HR (Barry Geipel) (E-mail)" <[barry@GeipelNet.com](mailto:barry@GeipelNet.com)>  
Subject: [82645] Re: PSK:Western Warblers  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76789@hq-expo2.filenet.com>

Bill (and the crowd),

I know a number of us in the Lake Perris QRP Society in SoCal got Warblers and were planning on putting them on the air. We look forward to joining in.

W. H. Phinizy, K6WHP  
Principal Engineer  
FileNET Corporation

-----  
Date: Mon, 30 Oct 2000 13:36:44 -0500  
From: "Lau, Zack, W1VT" <z1au@arrl.org>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [82646] Re: DX opportunities this weekend  
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9B29@kahless.arrl.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I don't see anything unethical about entering the assisted category  
--Zack W1VT

-----  
Date: Mon, 30 Oct 2000 10:40:58 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: "Phinizy, William" <wphinizy@filenet.com>  
Cc: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>, "K6BNC (Bill Chambers) (E-mail)" <bill\_chambers@yamaha-motor.com>, "AD6HR (Barry Geipel) (E-mail)" <barry@GeipelNet.com>  
Subject: [82647] Re: PSK:Western Warblers  
Message-ID: <39FDC0BA.E17E4E08@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bill,

That's great news. I am really looking forward to seeing you guys in the waterfall.

"Phinizy, William" wrote:

>  
> Bill (and the crowd),  
>  
> I know a number of us in the Lake Perris QRP Society in SoCal got Warblers

> and were planning on putting them on the air. We look forward to joining in.  
>  
> W. H. Phinizy, K6WHP  
> Principal Engineer  
> FileNET Corporation

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Mon, 30 Oct 2000 13:48:10 -0500  
From: Duffer <hduff@ica.net>  
To: qrp-l@Lehigh.EDU  
Subject: [82648] 70cm TX converter  
Message-ID: <39FDC26A.E23F8969@ica.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

While we're on the topic of VHF and UHF QRP...  
Anyone interested in a Hamtronics XV4-2/5 transmit converter ?  
28 to 30 MHz in gives 432 to 434 or 435 to 437 MHz out (comes with  
standard and the optional L0 Xtals). 1 1/2 watts pep out.  
Wired and tested.

See the Hamtronics web page for details. (sells for \$90 kit or \$170  
built)  
Looking for \$55

Hugh VA3TO

-----  
Date: Mon, 30 Oct 2000 10:57:52 -0800  
From: "Mont Pierce" <MyGrapeVine@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [82649] Western Warbler #s ?  
Message-ID: <02eb01c042a3\$4e9d2d80\$27010101@RTA>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Where do I get my number?

73,  
Mont  
km6wt

-----  
Date: Mon, 30 Oct 2000 13:59:35 -0500  
From: "N1RZ" <n1rz@timhavens.com>  
To: <hduff@ica.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [82650] Re: 70cm TX converter  
Message-ID: <009101c042a3\$8fab8920\$0401a8c0@silverbullet>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Oh this is like the one I built years ago. They are EXCELLENT. In fact I'm looking at mine now...Love of fun.

That's a great price as well.

Tim

----- Original Message -----

From: "Duffer" <hduff@ica.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, October 30, 2000 1:48 PM  
Subject: 70cm TX converter

> While we're on the topic of VHF and UHF QRP...  
> Anyone interested in a Hamtronics XV4-2/5 transmit converter ?  
> 28 to 30 MHz in gives 432 to 434 or 435 to 437 MHz out (comes with  
> standard and the optional LO Xtals). 1 1/2 watts pep out.  
> Wired and tested.  
>  
> See the Hamtronics web page for details. (sells for \$90 kit or \$170  
> built)  
> Looking for \$55  
>  
> Hugh VA3TO  
>  
>

>

-----  
Date: Mon, 30 Oct 2000 11:23:26 -0800  
From: Jeff Grudin <grudin@vdb.com>  
To: qrp-1@lehigh.edu  
Subject: [82651] PN100 Mystery Solved  
Message-ID: <39FDCAAE.5DED43C4@vdb.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

It appears the PN100 is equivalent to a 2N3904.

Nice to have a bag of them.

Thanks to all who replied.

--

73 de AC6KW <mailto:grudin@vdb.com>  
Jeff Grudin, DVM Web Add: <http://www.vdb.com/~grudin>  
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California  
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

-----  
Date: Mon, 30 Oct 2000 11:20:33 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: MyGrapeVine@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82652] PSK:Re Western Warbler #s ?  
Message-ID: <39FDCA01.B6230BFC@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Numbers? We don't need no steenkin' numbers. But if you really want one, here's how. Subtract the middle two digits from your social security number from the first three, add the results to the first three numbers of your telephone number. Divide the results by pi. Anything to the right of the decimal point is your Western Warblers membership number (tongue firmly planted in cheek.)

Oh, did I mention that we were kind of a strange group?

Mont Pierce wrote:

>

> Where do I get my number?  
>  
> 73,  
> Mont  
> km6wt

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Mon, 30 Oct 2000 14:16:22 -0500  
From: "AI2Q Alex" <ai2q@ispchannel.com>  
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [82653] RE: Schematic Program  
Message-ID: <000001c042a5\$e3e44980\$5c32a7d0@ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Although well intentioned, and certainly an idea that would make Internet life easier, I don't think we'll ever get to the point where everyone uses the same software for schematic capture--or any application for that matter!

I'm an OrCAD schematic-maker user (have been one for about 18 years), and I have a hard time switching over to Electronics Workbench MultiSim when I use it as a simulator--even though the latter has a far richer library of components than my antiquated version of OrCAD.

My feeling is that most software packages are overblown with too many features, pull-downs, menus, etc. Feature bloat makes it tough to learn--and control--a software package. Too many features can also make it more difficult to switch packages once you're up to speed on one that you've finally mastered to some degree.

Perhaps a better suggestion would be for some codesmiths amongst us to craft conversion utilities for popular packages, or perhaps screen capture software so that schematics can be swapped without having to re-learn a new package, and without having to abandon a package's features, especially those that are linked to board routers, simulators, etc.

Just an opinion.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----  
Date: Mon, 30 Oct 2000 18:47:53 +0000  
From: Euramcom <mel@euramcom.freemove.co.uk>  
To: <qrp-1@lehigh.edu>  
Subject: [82654] Re PN100 trannies?  
Message-ID: <E13qKdp-0007x3-00.2000-10-30-19-30-46@mail4.svr.pol.co.uk>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Ho Gangue,

Remember to try entering the reference of any component you do= not  
know into any of the major search engines. This is always worth= the  
ten seconds or so it takes, and can often bring up sites with= full  
data on the device you require info for!

For the fun of it, you can even enter your own name (I kid you= not!)=  
and see "who else" you are even if you are not listed yourself.=  
Apart  
from being listed as webmaster for all the various sites I look  
after, I am a lawyer and a group's road manager stateside 8>) so=  
take your pick.

It is always worth trying an entry for anything you want info on,=  
any  
subject at all.

Regards

Mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freemove.co.uk

Mel Evans GM6JAG Edinburgh Scotland  
Home of the last HW9

Visit <http://www.euramcom.freeseerve.co.uk> for  
US Euro Ham Radio Equivalent Parts and info,  
Add-a-Link page let's you add your own pages instantly

-----  
Date: Mon, 30 Oct 2000 11:59:44 -0800  
From: Casey Ray <clray@usc.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82655] OT - For the Love of LEDs  
Message-ID: <39FDD330.9A737C54@usc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

In the words of site proprietor ( <http://ledmuseum.home.att.net/> )  
and LED enthusiast Craig Johnson, "LEDs (Light Emitting Diodes)  
are those little colored lights you see in electronic equipment,  
household appliances, toys, on signs, and many other places...  
An LED is basically a really fancy diode. Diodes only let current  
(electricity) to flow in one direction and not the other.  
LEDs are diodes too, but they have the unique 'side effect' of  
producing light while electricity is flowing through  
them." And if it's LEDs you want, it's LEDs you'll get: intricate  
descriptions of various types, detailed performance tests, lengthy  
discussions of incandescent vs. LED flashlights, and more.

goto <http://ledmuseum.home.att.net/>

72/3 de Casey  
AD6DI

-----  
Date: Mon, 30 Oct 2000 15:13:19 -0500  
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>  
To: ai2q@ispchannel.com  
Cc: qrp-1@lehigh.edu  
Subject: [82656] RE: Schematic Program  
Message-ID: <5.0.0.25.1.20001030150747.00a0ceb0@pop.prodigy.net>  
Mime-Version: 1.0



Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:16 PM 10/30/00 -0500, AI2Q wrote:

>Although well intentioned, and certainly an idea that would make Internet  
>life easier, I don't think we'll ever get to the point where everyone uses  
>the same software for schematic capture--or any application for that matter!  
>

>I'm an OrCAD schematic-maker user (have been one for about 18 years), and I  
>have a hard time switching over to Electronics Workbench MultiSim when I use  
>it as a simulator--even though the latter has a far richer library of  
>components than my antiquated version of OrCAD.  
>

>My feeling is that most software packages are overblown with too many  
>features, pull-downs, menus, etc. Feature bloat makes it tough to learn--and  
>control--a software package. Too many features can also make it more  
>difficult to switch packages once you're up to speed on one that you've  
>finally mastered to some degree.  
>

>Perhaps a better suggestion would be for some codesmiths amongst us to craft  
>conversion utilities for popular packages, or perhaps screen capture  
>software so that schematics can be swapped without having to re-learn a new  
>package, and without having to abandon a package's features, especially  
>those that are linked to board routers, simulators, etc.

I concur with Alex. I happen to use the IVEX products along with Electronics Workbench, and neither support the AutoCad .DWF file format. I find it easiest to capture an "on screen" schematic with a utility like SnagIt, and convert the image to either a .jpg or more preferably, a .gif format. Easy to integrate with HTML for posting on a web page, or sending to someone via email.

That's my two pesos!

72.....Jim, K8IQY

-----  
Date: Mon, 30 Oct 2000 12:15:15 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Subject: [82657] Warblier Number for KI6DS  
Message-ID: <01c042ae\$1ddf73a0\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wow Bill, my number is 974522293, provided of course that I use 3.14 as pi,  
if I am not allowed to do so, please advise. Thanks, Doug, KI6DS

-----  
Date: Mon, 30 Oct 2000 20:33:03 +0000  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [82658] Desert Ratt  
Message-ID: <39FDDAFF.78D15629@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Would there be a particular reason why the 2 volt supply for the  
regenerating stage isn't taken from the LED?

Is it the effect of light falling onto the LED which may change its  
threshold voltage?

Just wondering....

--

Arjen Raateland  
OH2ZAZ

AX.25: OH2ZAZ@OH2RBI.FIN.EU

-----  
Date: Mon, 30 Oct 2000 14:38:13 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [82659] FOX - Team Results - another correction: the movie! -  
Message-ID: <Pine.LNX.3.95.1001030143631.20977B-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

.Hunt #2 - K50I - Tim -

The Raiders of the Lost RF - 4  
Mary - NA6E  
Fred - VE3FAL \*  
Rob - VE6JAZ

The Big Dawgs - 8 Clean Sweep#1  
ET - N1FN \*  
Tom - N5TW \*  
Larry- WJ1R \*

Earl - VA6RF \*  
Bruce- VE5RC \*

Bill - K0MP \*  
Bob - N6WG \*

The ScQRPions - 8 Clean Sweep#1  
Floyd - NQ7X \*  
Brian - K7RE \*  
Conard- WS4S \*  
Chuck - K7Q0 \*  
Bob - NK7M \*

The Flying Pigs #1 - 4  
Diz - W8DIZ  
Rick - WB6JBM  
Dan - N8IE \*  
Brian- KB9BVN  
Dave - KB5MHS

The Cheeseheads - 10 Clean Sweep#2  
Brian - AE9K \*  
Jerry - N9AW \*  
Rick - NK9G \*  
Lou - W9XU \*  
Jim - WA9TZE \*

The Houston Hounds - 9 Clean Sweep#1  
Bill - K5ZTY \*  
Bill - W5SB \*  
Terry- KQ5U \*  
Dan - KK5LD \*  
Danny- WA5OJE \*

The New England Hunt Club - 4  
Joel - K1QM(SK)  
John - K1JD  
Jim - KC1FB  
Aron - N1ODL  
John - KB1ENS  
Seab - AA1MY

The Swamp Rats - 6  
Paul - K4FB \*  
Jack - K4BYF  
Pete - NV4V \*  
Fred - W2XN  
Tom - N1TP \*

The Buffalo Wings - 3  
Mark - K2Q0  
Dave - AA2PF  
Howard- K2UD  
Bob - K2VNM  
Scott - AC3A

The Bayou City Brass Pounders - 9  
Ed - K5VUU \*  
Bob - N5ET \*  
Henry - W5HNS \* "Clean Sweep"  
OJ - K10J \*  
Bruce - N1LN \*

The Flying Pigs#2 - 2  
Andy - N8MX  
Kent - KB9VZS  
Ron - N8VAR  
Kenn - KM7KEN  
Andrew - AC7CF

The Fox Terrors - 8 Clean Sweep#1  
Tim - K50I \*  
Don - K5AAR \*  
Karl - K5DI \*  
Dave - W0CH \*  
Doc - K0EVZ \*

The Cajun Thunder - 3  
Joel - KE1LA  
John - K5JS  
Wayne - K5E0A  
Jim - N5IB  
Tom - AC5JH \*

The Underdogs - 6  
Dan - N4ROA \*  
Roy - AB7CE  
Art - KB7WW \*  
Glenn - WA7SPY \*  
Ron - KI0II \*

The VA Hams + OLW - 0

Mike - KT4FJ

Doug - W4IDW

Skip - K0YWD

John - W4IM

Paul - W2RIA

The NE-TX Tornados - 8

Bill - K5JHP \*

Chuck - W5USJ

Don - K5DW \*

George- W5YR \*

Rich - N5JI \*

The Minnesota North Stars - 8

Mert - W0UFO \*

Scott- N0AR \*

Craig- AA0ZZ \*

Jim - N0UR

Pat - K0PC \*

The Cockroaches - 1

Gary - KM5TY

Dave - N0IT \*

Rich - K7SZ

Tom - WA1VAI/3

Mike - KD5CMN

The Night Owls - 1

Thom - WI8W

Jim - KJ0C

Ed - N4XY

Ronnie- KE4VPN

John - K7FD/K7LOW \*

The Terminators - 3

Bill - NT1R

Thaire - W2APF

David - K7EL \*

Bob - N7XY

Anthony- K8ZT

.please let me know of any corrections I need to apply...thank  
you...72 - Bruce(VE5RC+VE5QRP)

-----  
Date: Mon, 30 Oct 2000 20:37:03 +0000

From: Arjen Raateland <Arjen.Raateland@vyh.fi>

To: mprati@postech.ca

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [82660] Re: Capacitor, resistor and inductor kit from Norcal...

Message-ID: <39FDDBEF.6EA1658F@vyh.fi>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

Maxime Prati wrote:

> I've heard about those kits, are they still around ?  
> Can I put my hand on it ?

I would be firmly interested in a (the) NorCal capacitor kit even though the exchange rate for the Euro is not favourable.

73,

--

Arjen Raateland  
OH2ZAZ

AX.25: OH2ZAZ@OH2RBI.FIN.EU

-----

Date: Mon, 30 Oct 2000 15:38:01 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <nielsen@oz.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [82661] Re: Grounding question  
Message-ID: <1000930153801.PAA19550@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/29/00 11:12 AM, Bob Nielsen at nielsen@oz.net wrote:

>Unless he is going to use the tower as a vertical, I don't see any need  
>for radials, but adding a ground rod close to the base might help for  
>lightning protection.

There are some great articles on constructing a proper grounding system for antenna towers at the PolyPhasor site <<http://www.polyphaser.com/>>.

Radials shouldn't be necessary for lightning protection, only for using the tower itself as a radiator. (eg shunt feeding)

>I've seen many commercial tower installations  
>with three ground rods and a pretty heavy copper strap going to a leg  
>of the tower from each.

Actually, that's sort of a bare-minimum system. Three more rods, further out, make for better protection.

>Apparently there is always some residual  
>moisture in concrete and the current from a direct strike can cause the  
>concrete to literally explode.

This is a myth.

There is lots of moisture in concrete. Water is what helps the concrete to cure. Compared to the soil, concrete is rather conductive. And since the surface area of a concrete anchor is sizeable, it actually provides a lot of grounding. There's even a type of grounding strategy that uses the concrete -- known as a UFER ground.

Now, it is possible that current passing through the concrete might cause the concrete to crack in certain situations. But it shouldn't explode. A proper UFER ground, or proper external ground, should prevent the possibility of cracking.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Mon, 30 Oct 2000 14:10:39 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: soconfli@idirect.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [82662] Re: RF Engineering Handbook - Free Download  
Message-ID: <Pine.LNX.4.10.10010301406040.1020-100000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Sarafino, I'm using Linux and it worked fine. Put all the files in a directory called /ewhdbks.mugu.navy where it sits now. I will delete all the .htm files and have every .pdf on that page.

I think I'll just read them first and see what's there. sure too bad wget isn't available to DOS or Windows.

On Mon, 30 Oct 2000 soconfli@idirect.com wrote:

> Karl and Phil,  
>  
> I dont know if this will help you guys or not, but if you are  
> running Linux you can do it with a program called wget.  
>  
> I used        wget -r -l1 http://ewhdbks.mugu.navy.mil/contents.htm

>  
> It worked for me.  
>  
> GL  
> Serafino ve3lkn  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Mon, 30 Oct 2000 16:21:01 -0500  
From: "N1RZ" <n1rz@timhavens.com>  
To: <aa4lr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [82663] Re: Grounding question  
Message-ID: <032a01c042b7\$517d2be0\$0401a8c0@silverbullet>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Bill Coleman" <aa4lr@arrl.net>  
> Radials shouldn't be necessary for lightning protection, only for using  
> the tower itself as a radiator. (eg shunt feeding)

Bill,

I'd just like to point out an excellent article I've just read at:

<http://www.polyphaser.com/download/PTD1016.pdf>

Which specifically talks about the needs for grounding, as it relates to  
Hams.

Please note the following which is what I've been attempting to explain to  
ya'll on  
the use of ground radials.

If you have any doubts about using ground radials in sandy soil take the  
time to  
read this completely.

The use of radials in a grounding system has NOTHING to do with loading

the  
tower as a radiator. Please don't confuse this.....

-----  
Quoted from the above URL:

"Radials are the most cost effective grounding technique considering system impedance, material cost, and installation labor. If one radial gives "X" resistance, then two will deliver an equivalent "parallel rule" plus 10%. This rule only holds true when the soil has the same conductivity over the entire radial area. After the first two radial, you will need to double the number of radials each time to continue with the parallel-plus rule.

Radials do have a limit on their effective length. If the surge energy has not been launched into the soil within the first 75 feet, the inductance of the radial will prevent any further effective prorogation (looks like a typo in their docs - prorogation?). Therefore, as a general rule of thumb, all radials should be at least 50 feet and no longer than 75 feet.

Ground rods should be placed along the entire length of each radial. The most cost effective spacing between rods for normal (grassy) soil is two times the length of the rod into the ground. If 8 foot rods are used, they should be placed on 16 foot centers.

If soil is not normal (e.g., very dry or sandy), the separation may be reduced in order to minimize the interconnect inductance. It doesn't hurt to have the rods close, it only costs more in material and labor."

-----  
Date: Mon, 30 Oct 2000 15:22:51 -0600  
From: "Dennis Johnson" <djohn@dwx.com>  
To: <w2rnb@prodigy.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>



Subject: [82664] Re: Schematic Program  
Message-ID: <001901c042b7\$90d68480\$c79fef3f@dennisjohnson>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi, Royce --

You might take a look at ProtoLab 4.0 by Global Specialties Software.  
[www.globalspecialties.com](http://www.globalspecialties.com) I bought mine from Mouser.

72/Dennis, N0WA

----- Original Message -----

From: "Royce Simmons" <w2rbn@prodigy.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: 30 October, 2000 10:26  
Subject: Schematic Program

> Greetings All,  
>  
> Anyone know of a schematic drawing program ?  
>  
> Thanks, Royce  
> --  
> Royce Simmons  
> Please note my new Internet ID: w2rbn@prodigy.net  
>

-----  
Date: Mon, 30 Oct 2000 13:29:57 -0800  
From: neil <neil@aaade.com>  
To: k5di@zianet.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82665] Re: RF Engineering Handbook - Free Download  
Message-ID: <39FDE855.B2BA75F8@aaade.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Getbot may be the windows version of wget  
<http://www.getbot.com/>

--

Neil  
http://www.aade.com  
mailto:neil@aade.com  
Almost All Digital Electronics  
1412 Elm St. SE  
Auburn, WA 98092  
253-351-9316

-----  
Date: Mon, 30 Oct 2000 13:43:05 -0800  
From: schoon@amgt.com  
To: <qrp-1@Lehigh.EDU>, <ki6ds@dph.dpol.net>  
Subject: [82666] RE: Warbler Number for KI6DS  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-BD-001030214305Z-4719@mail.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Gee, can I work this formula backwards to derive your SSN??

;) )

.mark

>-----  
>From: Doug Hendricks[SMTP:ki6ds@dph.dpol.net]  
>Sent: Monday, October 30, 2000 12:15 PM  
>To: Low Power Amateur Radio Discussion  
>Subject: Warbler Number for KI6DS  
>  
>Wow Bill, my number is 974522293, provided of course that I use 3.14 as pi,  
>if I am not allowed to do so, please advise. Thanks, Doug, KI6DS  
>  
>

-----  
Date: Mon, 30 Oct 2000 14:08:01 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@lehigh.edu>  
Subject: [82667] PSK80 Warbler: Need Info On Guys who have it  
Message-ID: <01c042bd\$df4706c0\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys if you have a Warbler kit and have it running and live west of the Mississippi, I would like to have you send a message to me. I want to do some experiments and collect some data.

Please reply direct and not to the list. 72, Doug

-----  
Date: Mon, 30 Oct 2000 22:06:01 -0000  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <sjolin@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [82668] Re: Proposal  
Message-ID: <002201c042bd\$9869da20\$9bfa070a@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I thought we killed this poor horse a couple of days ago. Let it go already! The answer was NO!  
de Steve, W8SFF

-----  
Date: Mon, 30 Oct 2000 17:12:07 -0500  
From: "Charles Mabbott" <crmabbott@mediaone.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [82669] Anyone else hearing the SSB on 7.041 MHz???  
Message-ID: <000001c042be\$716c0d20\$0201a8c0@mw.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Here is the band plans for Region I, II, and III you will notice SSB in that area in Region III

<http://www.iaru-r2.org/p11e.htm>

73,  
Chuck AA8VS  
-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
Bill Coleman  
Sent: Monday, October 30, 2000 11:44 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Anyone else hearing the SSB on 7.041 MHz???

-----  
Date: Mon, 30 Oct 2000 14:11:23 -0800  
From: schoon@amgt.com  
To: <qrp-1@Lehigh.EDU>, <crmabbott@mediaone.net>  
Subject: [82670] RE: Anyone else hearing the SSB on 7.041 MHz???  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-  
BD-001030221123Z-4723@mail.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Yes, I heard it as well around 0300z lastnight... I live in SOCAL,  
Santee, CA.

72

.mark

>-----  
>From: Charles Mabbott[SMTP:crmabbott@mediaone.net]  
>Sent: Monday, October 30, 2000 2:12 PM  
>To: Low Power Amateur Radio Discussion  
>Subject: Anyone else hearing the SSB on 7.041 MHz???  
>  
>  
>Here is the band plans for Region I, II, and III you will  
>notice SSB in that area in Region III  
>  
> <http://www.iaru-r2.org/p11e.htm>  
>  
>73,  
>Chuck AA8VS  
>-----Original Message-----  
>From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
>Bill Coleman  
>Sent: Monday, October 30, 2000 11:44 AM  
>To: Low Power Amateur Radio Discussion  
>Subject: Re: Anyone else hearing the SSB on 7.041 MHz???  
>

>  
>

-----  
Date: Mon, 30 Oct 2000 16:27:24 -0600  
From: Dave Sjolin <sjolin@swbell.net>  
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>  
Subject: [82671] REMINDER - CUB FOX HUNT TONIGHT AT 0200 UTC  
Message-ID: <39FDF5CB.6C599AA8@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Just a reminder N0IT will be cub fox tonight at 0200 utc. He will be calling cq around 7143 +/-.

Dave has never tried a pileup at 10 wpm before. Not sure if his ears can differentiate calls at that speed. So ya all come up and watch him go crazy, and as long as your there, join in.

73 de Dave, N0IT

-----  
Date: Mon, 30 Oct 2000 17:45:03 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [82672] Re: Grounding question  
Message-ID: <1000930174503.RAA03089@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 10/30/00 4:21 PM, N1RZ at n1rz@timhavens.com wrote:

>----- Original Message -----

>From: "Bill Coleman" <aa4lr@arrl.net>

>> Radials shouldn't be necessary for lightning protection, only for using  
>> the tower itself as a radiator. (eg shunt feeding)

>

>I'd just like to point out an excellent article I've just read at:

>

><http://www.polyphaser.com/download/PTD1016.pdf>

Excellent article.

>If you have any doubts about using ground radials in sandy soil take the

>time to  
>read this completely.  
>  
>The use of radials in a grounding system has NOTHING to do with loading  
>the  
>tower as a radiator. Please don't confuse this.....

I think there is confusion, note the construction in the quote below:

>-----  
>Quoted from the above URL:  
>  
>"Radials are the most cost effective grounding technique considering system  
>impedance,  
>material cost, and installation labor. If one radial gives "X" resistance,  
>then two  
>will deliver an equivalent "parallel rule" plus 10%. This rule only holds  
>true when  
>the soil has the same conductivity over the entire radial area. After the  
>first two  
>radial, you will need to double the number of radials each time to continue  
>with the  
>parallel-plus rule.  
>

[ ... deleted comment on effective length ... ]

>Ground rods should be placed along the entire length of each radial. The  
>most cost effective  
>spacing between rods for normal (grassy) soil is two times the length of the  
>rod into the ground.  
>If 8 foot rods are used, they should be placed on 16 foot centers.

Note the distinction here. PolyPhaser is describing a set of radial  
interconnects to a bunch of GROUND RODS. These connections are likely to  
be large diameter copper wire or wide copper strips.

Also, note that the effectiveness of additional radials diminishes  
rapidly after the first couple. (The "parallel-plus" rule above)

Typically, when hams refer to a radial system, they mean a series of  
small-diameter wires placed above, on, or just barely below the ground.  
Typical radial systems have 30-120 wires arranged to a length of 1/4 wave  
(or more). These radials are not connected to ground rods, nor do ground  
rods increase their effectiveness. They are part of an RF radial system,  
and have little to no effect on the grounding of the tower.

PolyPhaser uses the same term to mean something a little different, hence the confusion.

My planned tower will have both systems -- a set of radial ground rods and an RF radial system. They each serve a different purpose.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Mon, 30 Oct 2000 16:55:05 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <qrp-1@Lehigh.EDU>  
Subject: [82673] 40M Band low end SSB stations  
Message-ID: <005f01c042c4\$71b47910\$5ac07481@rohredt2000>

Many countries are not as blessed as USA with wide ham bands.  
The band when I was in 9M2 land was only 7.0 to 7.1, maybe .150. Thus, you find foreign SSB stations lower in the band, than US stations are allowed.

Look at the international allocations before you blame your receiver. The thing works in reverse, in that in Europe there is Broadcasting in the upper 40M band, where USA SSB stations are allowed.

72, Stuart K5KVH

-----  
Date: Mon, 30 Oct 2000 14:58:39 -0800  
From: "Mont Pierce" <MyGrapeVine@yahoo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [82674] PSK: PSK80 Warbler not here yet...  
Message-ID: <038301c042c4\$f1bb96c0\$27010101@RTA>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This is not fair. I feel like I'm missing all the excitement...

I ordered mine direct from njqrp a few days before Pacificon but have not received my order yet. I guess I should have gone to Pacificon instead of going hunting....

It's hard waiting... :)

All you guys QUIT talking about the warbler until my kit arrives. OK? (yeah sure, like I really expect you to hold back) HI HI

73,  
Mont

-----  
Date: Mon, 30 Oct 2000 17:03:08 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <zikot@erie.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [82675] 2m receiver  
Message-ID: <006501c042c5\$91ddda00\$5ac07481@rohredt2000>

No doubt you will get lots of suggestions on super regen receivers or even regens that provide an auto BFO when in full oscillation. For 2m, such wider rcvr types might be OK.

But, there is another approach. If you have circuit for a superhet, you can easily add CW by a BFO operating at the 2nd IF of 455 kHz. Ten Tech has such a kit. It just has to be close to the receiver to provide the BFO function.

72 Stuart K5KVH

-----  
Date: Mon, 30 Oct 2000 23:07:40 GMT  
From: "Tom Dufresne" <tdufres@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [82676] Radio Shacks' 10M-CW?  
Message-ID: <F15241tFlmm1Q080Gxw00005577@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Howdy: I did it. I got the new Radio Shack HTX-10 tranceiver. Got it fer a song. I wanted to take part in this 10M qrp stuff. One prob-no CW!



Bummer!Its un-Christian!

Someone said there is a mod for this. Well, looking for projects-can anyone steer me in the right direction?

Tom

KC0GXX

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Date: Mon, 30 Oct 2000 18:10:37 -0500  
From: "N1RZ" <n1rz@timhavens.com>  
To: <aa4lr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [82677] Re: Grounding question  
Message-ID: <041501c042c6\$a1381960\$0401a8c0@silverbullet>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Bill Coleman" <aa4lr@arrl.net>  
> Typically, when hams refer to a radial system, they mean a series of  
> small-diameter wires placed above, on, or just barely below the ground.  
> Typical radial systems have 30-120 wires arranged to a length of 1/4 wave  
> (or more). These radials are not connected to ground rods, nor do ground  
> rods increase their effectiveness. They are part of an RF radial system,  
> and have little to no effect on the grounding of the tower.  
>  
> PolyPhaser uses the same term to mean something a little different, hence  
> the confusion.  
>  
> My planned tower will have both systems -- a set of radial ground rods  
> and an RF radial system. They each serve a different purpose.

Bill,

This is exactly my point. I was afraid that some folks would come to the conclusion that there is no need for a 'grounding system' to have buried radials connected to ground rods. If anyone has come to that conclusion I think they are wrong. And I've been trying to make sure folks were being clear about the difference between using 'tuned radials' as

part of an active antenna system, and 'radials' to create a more effective grounding system in the prevention of lightning damage.

Your comment quoted comment below led me to believe you were under the impression that an effective grounding system does not require radials at all. And I wanted to clear this point up.

>From: "Bill Coleman" <aa4lr@arrl.net>  
>> Radials shouldn't be necessary for lightning protection, only for using  
>> the tower itself as a radiator. (eg shunt feeding)

Maybe I misunderstood your comments above, or perhaps someone else said them, I am losing context on this thread at this point.

I think between the two of us we've managed to raise the point that there are RF radials in a tuned antenna system, and there are Grounding System Radials buried to increase the effectiveness of your ground system.

Use the the grounding radials to ground rods as described. I've witnessed the difference having, and not having them can make in a commercial environment. In sandy soil. We were hit three times before adding ground radials (2) made from 2/0 stranded copper. Each of those times we sustained serious damage to internal systems. Once we added the radials we had no more serious incidents.

Prior to adding the radials we had a 50' well made with 5" pipe. We were grounded to that, along with 8' rods at the base of the 300' tower, and at the guy anchors. We had serious damages with this configuration.

However after adding the radials the only damage we incurred was via a telephone line that was not properly grounded. They 'do' make a difference. And in my personal opinion I wouldn't feel safe without them.

Tim - N1RZ

-----  
Date: Mon, 30 Oct 2000 15:41:34 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: MyGrapeVine@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [82678] Re: PSK: PSK80 Warbler not here yet...  
Message-ID: <39FE072E.7E142A3D@earthlink.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mont Pierce wrote:

>  
> This is not fair. I feel like I'm missing all the excitement...  
>  
> I ordered mine direct from njqrp a few days before Pacificon but  
> have not received my order yet. I guess I should have gone to  
> Pacificon instead of going hunting....  
>

Sounds like.

Just ordered mine today .. after finishing my Elecraft K1.

73, Phil W70X

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End of QRP-L Digest 1991

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